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SCIENCE CITATION INDEX 1978-1979 (Print)

GAILEY-KD-1978-J-COORD-CHEM-VOL8-P161

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SCIENCE CITATION INDEX 1980-1995 (CD)

GAILEY-KD-1978-J-COORD-CHEM-V8-P161

Record 1 of 7.

Authors: Miyoshi-K Wang-J Mizuta-T

Title: Molecular-Structure of 7-Coordinate Trans(O-6)-(Ethylenediamine-N,N'-Diacetato-N,N'-di-3-Propionato)(Aqua)Titanate(III), Trans(O-6)-(Ti(Eddadp)(H₂O))(-)

Full source: CHEMISTRY LETTERS 1995, Iss 8, pp 721-722

Record 2 of 7.

Authors: Frank-T Evilia-RF

Title: Evidence for Some Pentadentate Coordination in Ethylenediamine-N,N'-Diacetato-N,N'-di-3-Propionatonickelate(II)

Full source: INORGANICA CHIMICA ACTA 1990, Vol 171, Iss 1, pp 107-113

Record 3 of 7.

Authors: Vuckovic-G Juranic-N Celap-MB Radanovic-DJ

Title: Effect of the Central Ion of Octahedral Transition-Metal Complexes on Their Thin-Layer Chromatographic RF-Values

Full source: JOURNAL OF CHROMATOGRAPHY 1989, Vol 466, Iss APR, pp 227-232

Record 4 of 7.

Authors: Radanovic-DJ Douglas-BE Trifunovic-SR Maricondi-C

Title: Cobalt(III) Complexes of 1,3-Propanediamine-N,N'-Diacetic-N,N'-di-3-Propionic Acid and 1,3-Propanediamine-N-3-Propionic-N,N',N'-Triacetic Acid

Full source: INORGANIC CHEMISTRY 1988, Vol 27, Iss 5, pp 764-765

Record 5 of 7.

Authors: Fedorov-LA

Title: NMR-Spectroscopy of Organic Analytical Reagents and Metal-Complexes

Full source: JOURNAL OF ANALYTICAL CHEMISTRY OF THE USSR 1985, Vol 40, Iss 1, pp 1-22

Record 6 of 7.

Authors: Radanovic-DJ

Title: Optical-Activity of Cobalt(III), Chromium(III) and Rhodium(III) Complexes with Aminopolycarboxylate EDTA-Type and Related Ligands

Full source: COORDINATION CHEMISTRY REVIEWS 1984, Vol 54, Iss FEB, pp 159-261

Record 7 of 7.

Authors: Ama-T Kawaguchi-H Yasui-T

Title: Metal-Complexes of Amino-Acids .13. The Relationships Between the C-13 Chemical-Shifts and Ligand-Field in the Trans(O)-(Co(O)2(N)4) Type Complexes

Full source: BULLETIN OF THE CHEMICAL SOCIETY OF JAPAN 1981, Vol 54, Iss 2, pp 448-451

RADANOVIC-DJ-1980-J-COORD-CHEM-V10-P115

Record 1 of 10.

Authors: Miyoshi-K Wang-J Mizuta-T

Title: Molecular-Structure of 7-Coordinate Trans(O-6)-(Ethylenediamine-N,N'-Diacetato-N,N'-di-3-Propionato)(Aqua)Titanate(III), Trans(O-6)-(Ti(Eddadp)(H2O))(-)

Full source: CHEMISTRY LETTERS 1995, Iss 8, pp 721-722

Record 2 of 10.

Authors: Radanovic-DJ Trifunovic-SR Maricondi-C Douglas-BE

Title: Synthesis and Characterization of Hexadentate Cobalt(III) Complexes with New EDTA-Type Ligands .4. Circular-Dichroism of the Trans(O5O6) Isomer of a Cobalt(III) Complex of 1,3-Propanediamine-N,N,N'-Triacetic-N'-3-Propionic Acid

Full source: INORGANICA CHIMICA ACTA 1994, Vol 219, Iss 1-2, pp 147-153

Record 3 of 10.

Authors: Douglas-BE Radanovic-DJ

Title: Coordination Chemistry of Hexadentate EDTA-Type Ligands with M(III) Ions

Full source: COORDINATION CHEMISTRY REVIEWS 1993, Vol 128, Iss 1-2, pp 139-165

Record 4 of 10.

Authors: Radanovic-DJ Trifunovic-SR Cvijovic-MS Maricondi-C Douglas-BE

Title: Synthesis and Characterization of Hexadentate Cobalt(III) Complexes with Novel EDTA-Type Ligands .2. Circular-Dichroism of the Trans(O5O6) and Trans(O-6) Isomers of a Cobalt(III) Complex of 1,3-Propanediamine-N,N'-Diacetic-N,N'-di-3-Propionic Acid

Full source: INORGANICA CHIMICA ACTA 1992, Vol 196, Iss 2, pp 161-169

Record 5 of 10.

Authors: Frank-T Evilia-RF

Title: Evidence for Some Pentadentate Coordination in Ethylenediamine-N,N'-Diacetato-N,N'-di-3-Propionatonickelate(II)

Full source: INORGANICA CHIMICA ACTA 1990, Vol 171, Iss 1, pp 107-113

Record 6 of 10.

Authors: Radanovic-DJ Douglas-BE Trifunovic-SR Maricondi-C

Title: Cobalt(III) Complexes of 1,3-Propanediamine-N,N'-Diacetic-N,N'-di-3-Propionic Acid and 1,3-Propanediamine-N-3-Propionic-N,N',N'-Triacetic Acid

Full source: INORGANIC CHEMISTRY 1988, Vol 27, Iss 5, pp 764-765

Record 7 of 10.

Authors: Spaulding-L Brittain-HG

Title: Solution Chemistry of Lanthanide Complexes .7. Terbium(III) and Europium(III) Complexes of (S,S)-Ethylenediamine-N,N'-Disuccinic Acid

Full source: INORGANIC CHEMISTRY 1984, Vol 23, Iss 14, pp 2165-2170

Record 8 of 10.

Authors: Radanovic-DJ

Title: Optical-Activity of Cobalt(III), Chromium(III) and Rhodium(III) Complexes with Aminopolycarboxylate EDTA-Type and Related Ligands

Full source: COORDINATION CHEMISTRY REVIEWS 1984, Vol 54, Iss FEB, pp 159-261

Record 9 of 10.

Authors: Pavelcik-F Kettmann-V

Title: The Crystal and Molecular-Structure of Calcium (S,S)-Ethylenediamine-N,N'-Disuccinatoferate Octahydrate

Full source: COLLECTION OF CZECHOSLOVAK CHEMICAL COMMUNICATIONS 1983, Vol 48, Iss 5, pp 1376-1389

Record 10 of 10.

Authors: Ryan-TA

Title: Rhodium and Iridium

Full source: COORDINATION CHEMISTRY REVIEWS 1982, Vol 41, Iss 1-4, pp 251-318

RADANOVIC-DJ-1982-J-COORD-CHEM-V11-P247

Record 1 of 2.

Authors: Constable-EC

Title: Rhodium

Full source: COORDINATION CHEMISTRY REVIEWS 1986, Vol 73, Iss OCT, pp 59-112

Record 2 of 2.

Authors: Radanovic-DJ

Title: Optical-Activity of Cobalt(III), Chromium(III) and Rhodium(III) Complexes with Aminopolycarboxylate EDTA-Type and Related Ligands

Full source: COORDINATION CHEMISTRY REVIEWS 1984, Vol 54, Iss FEB, pp 159-261

RADANOVIC-DJ-1984-B-CHIM-SOC-BEOGRAD-V49-P315

Record 1 of 1.

Authors: Radanovic-DJ Matovic-VC Matovic-ZD Battaglia-LP Pelizzi-G Ponticelli-G

Title: The Favored Uns-Cis Geometry in Octahedral Nickel(II) Complexes Containing Linear Tetridentate Edda-Type Ligands Forming 6-Membered Rings - Crystal-Structure of Uns-Cis-(Ni(1,3-Pdda)(H₂O)(2))

Full source: INORGANICA CHIMICA ACTA 1995, Vol 237, Iss 1-2, pp 151-157

RADANOVIC-DJ-1985-J-SERB-CHEM-SOC-V50-P99

Record 1 of 2.

Authors: Radanovic-DJ Matovic-VC Matovic-ZD Battaglia-LP Pelizzi-G Ponticelli-G

Title: The Favored Uns-Cis Geometry in Octahedral Nickel(II) Complexes Containing Linear Tetradentate Edda-Type Ligands Forming 6-Membered Rings - Crystal-Structure of Uns-Cis-(Ni(1,3-Pdda)(H₂O)(2))

Full source: INORGANICA CHIMICA ACTA 1995, Vol 237, Iss 1-2, pp 151-157

Record 2 of 2.

Authors: Poznyak-AL Stelmashok-VE

Title: Complexes of Cobalt(III) with Ethylenediamine-N,N'-di-3-Propionic Acid

Full source: KOORDINATSIONNAYA KHIMIYA 1988, Vol 14, Iss 4, pp 482-482

HERAK-R-1984-INORG-CHIM-A-ART-LET-V83-P55

Record 1 of 14.

Authors: Serezhkin-VN Polynova-TN Poraikoshits-MA

Title: Crystallostructural Role of Ligands in the Structures of Diamine-Based Complexonates

Full source: KOORDINATSIONNAYA KHIMIYA 1995, Vol 21, Iss 4, pp 253-280

Record 2 of 14.

Authors: Radanovic-DJ Trifunovic-SR Maricondi-C Douglas-BE

Title: Synthesis and Characterization of Hexadentate Cobalt(III) Complexes with New EDTA-Type Ligands .4. Circular-Dichroism of the Trans(O5O6) Isomer of a Cobalt(III) Complex of 1,3-Propanediamine-N,N,N'-Triacetic-N'-3-Propionic Acid

Full source: INORGANICA CHIMICA ACTA 1994, Vol 219, Iss 1-2, pp 147-153

Record 3 of 14.

Authors: Poraikoshits-MA Serezhkin-VN

Title: Crystallostructural Role of Ligands in Diamine Complexonates with the Same Topological Atomic Type of Complexants

Full source: ZHURNAL NEORGANICHESKOI KHIMII 1994, Vol 39, Iss 7, pp 1109-1132

Record 4 of 14.

Authors: Robles-JC Matsuzaka-Y Inomata-S Shimoi-M Mori-W Ogino-H

Title: Syntheses and Structures of Vanadium(III) Complexes Containing 1,3-Diaminopropane-N,N,N',N'-Tetraacetate ((V(Trdta))-) and 1,3-Diamino-2-Propanol-N,N,N',N'-Tetraacetate ((V2(Dpot)2)-)

Full source: INORGANIC CHEMISTRY 1993, Vol 32, Iss 1, pp 13-17

Record 5 of 14.

Authors: Douglas-BE Radanovic-DJ

Title: Coordination Chemistry of Hexadentate EDTA-Type Ligands with M(III) Ions

Full source: COORDINATION CHEMISTRY REVIEWS 1993, Vol 128, Iss 1-2, pp 139-165

Record 6 of 14.

Authors: Radanovic-DJ Trifunovic-SR Cvijovic-MS Maricondi-C Douglas-BE

Title: Synthesis and Characterization of Hexadentate Cobalt(III) Complexes with Novel EDTA-Type Ligands .2. Circular-Dichroism of the Trans(O5O6) and Trans(O-6) Isomers of a Cobalt(III) Complex of 1,3-Propanediamine-N,N'-Diacetic-N,N'-di-3-Propionic Acid

Full source: INORGANICA CHIMICA ACTA 1992, Vol 196, Iss 2, pp 161-169

Record 7 of 14.

Authors: Mizuta-T Yamamoto-T Miyoshi-K Kushi-Y

Title: The Ligand-Field Stabilization Effect on the Metal-Ligand Bond Distances in Octahedral Metal-Complexes with EDTA-Type Ligands - Redetermination of the Molecular-Structure of (Ethylenediaminetriacetatoacetic Acid)-(Aqua)Iron(III), (Fe(Hedta)(H₂O))

Full source: INORGANICA CHIMICA ACTA 1990, Vol 175, Iss 1, pp 121-126

Record 8 of 14.

Authors: Mizuta-T Yamamoto-T Shibata-N Miyoshi-K

Title: The Molecular-Structure of the Trans(O₅) Isomer of (Ethylenediamine-N,N'-Diacetato-N,N'-di-3-Propionato)Cobaltate(III), Trans(O₅)-(CO(Edda))- Determined by X-Ray-Analysis and Its Structural Comparison with Some Metal(III) Complexes of Related Ligands

Full source: INORGANICA CHIMICA ACTA 1990, Vol 169, Iss 2, pp 257-263

Record 9 of 14.

Authors: Radanovic-DJ Grujic-SA Maricondi-C Parvez-M Trifunovic-SR Douglas-BE

Title: Diamine-N,N'-Diacetatochromate(III) Complexes with Oxalate and Malonate Anions - Crystal-Structure of (-)589-(Co(en)₂(C₂O₄))₁/N(-)546-(CR(1,3-Pdda)(Mal)).H₂O

Full source: INORGANICA CHIMICA ACTA 1989, Vol 157, Iss 1, pp 33-43

Record 10 of 14.

Authors: Kaizaki-S Hayashi-M Ooi-S Umakoshi-K

Title: The X-Ray Structure of Sodium Trans-1,2-Cyclohexanediamine-N,N,N',N'-Tetraacetatochromate(III) 4.5-Hydrate, Na(CR(Cydtta)).4.5H₂O

Full source: BULLETIN OF THE CHEMICAL SOCIETY OF JAPAN 1988, Vol 61, Iss 10, pp 3519-3523

Record 11 of 14.

Authors: Yamamoto-T Mikata-K Miyoshi-K Yoneda-H

Title: The Crystal and Molecular-Structures of Lithium Trimethylenediaminetetraacetatoferate(III) Trihydrate Li(Fe(Trdta)).3H₂O and Sodium Ethylenediamine-N,N'-Diacetato-N,N'-di-3-Propionatoferate(III) Pentahydrate Na(Fe(Eddda)).5H₂O

Full source: INORGANICA CHIMICA ACTA 1988, Vol 150, Iss 2, pp 237-244

Record 12 of 14.

Authors: Constable-EC

Title: Rhodium

Full source: COORDINATION CHEMISTRY REVIEWS 1988, Vol 89, Iss SEP, pp 257-311

Record 13 of 14.

Authors: Kaizaki-S Byakuno-M Hayashi-M Legg-JI Ooi-S Umakoshi-K

Title: Preparation and Characterization of the 3 Geometrical-Isomers of (1,3-Propanediamine-N,N'-Diacetato-N,N'-di-3-Propionato)Chromate(III) - Crystal-Structure of Trans(O-6)-K(CR(1,3-Pdda)).3H₂O

Full source: INORGANIC CHEMISTRY 1987, Vol 26, Iss 15, pp 2395-2399

Record 14 of 14.

Authors: Colton-R

Title: Chromium

Full source: COORDINATION CHEMISTRY REVIEWS 1987, Vol 78, Iss MAY, pp 1-38

HERAK-R-1985-J-CHEM-SOC-DALTON-P861
HERAK-R-1985-DALTON-T-P861

Record 1 of 12.

Authors: Miyoshi-K Wang-J Mizuta-T

Title: Molecular-Structure of 7-Coordinate Trans(O-6)-(Ethylenediamine-N,N'-Diacetato-N,N'-di-3-Propionato)(Aqua)Titanate(III), Trans(O-6)-(Ti(Eddadp)(H₂O))(-)

Full source: CHEMISTRY LETTERS 1995, Iss 8, pp 721-722

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Authors: Serezhkin-VN Polynova-TN Poraikoshits-MA

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Full source: KOORDINATSIONNAYA KHIMIYA 1995, Vol 21, Iss 4, pp 253-280

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Title: Synthesis and Characterization of Hexadentate Cobalt(III) Complexes with New EDTA-Type Ligands .4. Circular-Dichroism of the Trans(O₅O₆) Isomer of a Cobalt(III) Complex of 1,3-Propanediamine-N,N,N'-Triacetic-N'-3-Propionic Acid

Full source: INORGANICA CHIMICA ACTA 1994, Vol 219, Iss 1-2, pp 147-153

Record 4 of 12.

Authors: Shkolnikova-LM Poznyak-AL Sotman-SS

Title: Crystal and Molecular-Structure of (Ethylenediamine-N,N'-Diacetato-N,N'-di-3-Propionato(2-))di-Aquanickel(II) Monohydrate (Ni(H₂Eddda)(H₂O)₂)Center-Dot-H₂O

Full source: KOORDINATSIONNAYA KHIMIYA 1994, Vol 20, Iss 6, pp 456-461

Record 5 of 12.

Authors: Douglas-BE Radanovic-DJ

Title: Coordination Chemistry of Hexadentate EDTA-Type Ligands with M(III) Ions

Full source: COORDINATION CHEMISTRY REVIEWS 1993, Vol 128, Iss 1-2, pp 139-165

Record 6 of 12.

Authors: Radanovic-DJ Trifunovic-SR Cvijovic-MS Maricondi-C Douglas-BE

Title: Synthesis and Characterization of Hexadentate Cobalt(III) Complexes with Novel EDTA-Type Ligands .2. Circular-Dichroism of the Trans(O₅O₆) and Trans(O-6) Isomers of a Cobalt(III) Complex of 1,3-Propanediamine-N,N'-Diacetic-N,N'-di-3-Propionic Acid

Full source: INORGANICA CHIMICA ACTA 1992, Vol 196, Iss 2, pp 161-169

Record 7 of 12.

Authors: Ilyukhin-AB Shkolnikova-LM Poznyak-AL

Title: Conformation Principles of Alaninate Metal Cycles

Full source: KOORDINATSIONNAYA KHIMIYA 1990, Vol 16, Iss 12, pp 1597-1602

Record 8 of 12.

Authors: Suyarov-KD Shkolnikova-LM Poznyak-AL Krol-IA Stopolyanskaya-LV

Title: Crystalline and Molecular-Structure of (Imidazole(Ethylenediaminemonosuccinato))-Copper(II) Dihydrate

Full source: KOORDINATSIONNAYA KHIMIYA 1990, Vol 16, Iss 11, pp 1505-1510

Record 9 of 12.

Authors: Mizuta-T Yamamoto-T Miyoshi-K Kushi-Y

Title: The Ligand-Field Stabilization Effect on the Metal-Ligand Bond Distances in Octahedral Metal-Complexes with EDTA-Type Ligands - Redetermination of the Molecular-Structure of (Ethylenediaminetriacetatoacetic Acid)-(Aqua)Iron(III), (Fe(Hedta)(H₂O))

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Full source: INORGANICA CHIMICA ACTA 1988, Vol 150, Iss 2, pp 237-244

RADANOVIC-DJ-1985-INORG-CHEM-V24-P4239

Record 1 of 1.

Authors: Vuckovic-G Juranic-N Celap-MB Radanovic-DJ

Title: Effect of the Central Ion of Octahedral Transition-Metal Complexes on Their Thin-Layer Chromatographic RF-Values

Full source: JOURNAL OF CHROMATOGRAPHY 1989, Vol 466, Iss APR, pp 227-232

RADANOVIC-DJ-1988-INORG-CHEM-V27-P1265

Record 1 of 5.

Authors: Radanovic-DJ Trifunovic-SR Maricondi-C Douglas-BE

Title: Synthesis and Characterization of Hexadentate Cobalt(III) Complexes with New EDTA-Type Ligands .4. Circular-Dichroism of the Trans(O₅O₆) Isomer of a Cobalt(III) Complex of 1,3-Propanediamine-N,N,N'-Triacetic-N'-3-Propionic Acid

Full source: INORGANICA CHIMICA ACTA 1994, Vol 219, Iss 1-2, pp 147-153

Record 2 of 5.

Authors: Douglas-BE Radanovic-DJ

Title: Coordination Chemistry of Hexadentate EDTA-Type Ligands with M(III) Ions

Full source: COORDINATION CHEMISTRY REVIEWS 1993, Vol 128, Iss 1-2, pp 139-165

Record 3 of 5.

Authors: Radanovic-DJ Trifunovic-SR Cvijovic-MS Maricondi-C Douglas-BE

Title: Synthesis and Characterization of Hexadentate Cobalt(III) Complexes with Novel EDTA-Type Ligands .2. Circular-Dichroism of the Trans(O5O6) and Trans(O-6) Isomers of a Cobalt(III) Complex of 1,3-Propanediamine-N,N'-Diacetic-N,N'-di-3-Propionic Acid

Full source: INORGANICA CHIMICA ACTA 1992, Vol 196, Iss 2, pp 161-169

Record 4 of 5.

Authors: Djurdjevic-P Radanovic-D Jovanovic-J Veselinovic-D

Title: Complexes of Cobalt(II) and Cobalt(III) with 1,3-Propanediamine-N,(')-Diacetato-N,N'-di-3-Propionato Ligand

Full source: TRANSITION METAL CHEMISTRY 1992, Vol 17, Iss 2, pp 84-86

Record 5 of 5.

Authors: Vuckovic-G Juranic-N Celap-MB Radanovic-DJ

Title: Effect of the Central Ion of Octahedral Transition-Metal Complexes on Their Thin-Layer Chromatographic RF-Values

Full source: JOURNAL OF CHROMATOGRAPHY 1989, Vol 466, Iss APR, pp 227-232

RADANOVIC-DJ-1988-INORG-CHIM-ACTA-V146-P199

Record 1 of 4.

Authors: Douglas-BE Radanovic-DJ

Title: Coordination Chemistry of Hexadentate EDTA-Type Ligands with M(III) Ions

Full source: COORDINATION CHEMISTRY REVIEWS 1993, Vol 128, Iss 1-2, pp 139-165

Record 2 of 4.

Authors: Sakagami-N Kaizaki-S

Title: Preparation and Characterization of 2 Geometrical-Isomers of the Aqua(Ethylenediamine-N,N,N'-Tri-3-Propionatopropionic Acid)Chromium(III) Complex - X-Ray Structure of Cis-Eq-(Cr(Hedtp)(H₂O)).5H₂O

Full source: INORGANICA CHIMICA ACTA 1992, Vol 195, Iss 2, pp 187-191

Record 3 of 4.

Authors: Sakagami-N Hayashi-M Kaizaki-S

Title: Novel Diastereoisomers of Ethylenediaminetetrapropionatochromate(III) .1. Preparation and Characterization

Full source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS 1992, Iss 2, pp 285-290

Record 4 of 4.

Authors: Vuckovic-G Juranic-N Celap-MB Radanovic-DJ

Title: Effect of the Central Ion of Octahedral Transition-Metal Complexes on Their Thin-Layer Chromatographic RF-Values

Full source: JOURNAL OF CHROMATOGRAPHY 1989, Vol 466, Iss APR, pp 227-232

PARVEZ-M-1991-INORG-CHIM-ACTA-V182-P177

Record 1 of 9.

Authors: Shkolnikova-LM Poznyak-AL

Title: Conformation Limits of Photochemical Narrowing of Aminopropionate Metallocycles - Crystal-Structure of bis(Trichloroacetate)(4-Diethylenetriaminomono-3-Propionato)Ethylenediaminecobalt(III)

Full source: ZHURNAL NEORGANICHESKOI KHIMII 1995, Vol 40, Iss 4, pp 604-611

Record 2 of 9.

Authors: Sakagami-N Yasui-T Kawaguchi-H Ama-T Kaizaki-S

Title: Crystal-Structures of the (Ethylenediamine-N,N'-Dipropionato)(Ethylenediamine)Cobalt(III) Isomers

Full source: BULLETIN OF THE CHEMICAL SOCIETY OF JAPAN 1994, Vol 67, Iss 3, pp 680-686

Record 3 of 9.

Authors: Radanovic-DJ Trifunovic-SR Maricondi-C Douglas-BE

Title: Synthesis and Characterization of Hexadentate Cobalt(III) Complexes with New EDTA-Type Ligands .4. Circular-Dichroism of the Trans(O5O6) Isomer of a Cobalt(III) Complex of 1,3-Propanediamine-N,N,N'-Triacetic-N'-3-Propionic Acid

Full source: INORGANICA CHIMICA ACTA 1994, Vol 219, Iss 1-2, pp 147-153

Record 4 of 9.

Authors: Davies-MB

Title: Cobalt 1991

Full source: COORDINATION CHEMISTRY REVIEWS 1994, Vol 134, Iss SEP, pp A195-A305

Record 5 of 9.

Authors: Douglas-BE Radanovic-DJ

Title: Coordination Chemistry of Hexadentate EDTA-Type Ligands with M(III) Ions

Full source: COORDINATION CHEMISTRY REVIEWS 1993, Vol 128, Iss 1-2, pp 139-165

Record 6 of 9.

Authors: Radanovic-DJ Trifunovic-SR Cvijovic-MS Maricondi-C Douglas-BE

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Full source: INORGANICA CHIMICA ACTA 1992, Vol 195, Iss 2, pp 187-191

No. cited references: 10

Record 8 of 9.

Authors: Sakagami-N Kaizaki-S

Title: Novel Diastereoisomers of Ethylenediaminetetrapropionatochromate(III) .2. X-Ray Structures of Diaminetripropionato Complexes

Full source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS 1992, Iss 2, pp 291-297

Record 9 of 9.

Authors: Djurdjevic-P Radanovic-DJ Cvijovic-M Dimitrijevic-M Veselinovic-D

Title: Studies on the Complex-Formation Equilibria in Copper(II)-1,3-Propanediamine-N,N'-Diacetate-N,N'-di-3-Propionate and Nickel(II)-1,3-Propanediamine-N,N'-Diacetate-N,N'-di-3-Propionate Solutions

Full source: POLYHEDRON 1992, Vol 11, Iss 2, pp 197-204

RADANOVIC-DJ-1991-INORG-CHIM-ACTA-V186-P13

Record 1 of 1.

Authors: Douglas-BE Radanovic-DJ

Title: Coordination Chemistry of Hexadentate EDTA-Type Ligands with M(III) Ions

Full source: COORDINATION CHEMISTRY REVIEWS 1993, Vol 128, Iss 1-2, pp 139-165

DJURAN-MI-1991-INORG-CHEM-V30-P2648

Record 1 of 18.

Authors: Bose-RN Moghaddas-S Weaver-EL Cox-EH

Title: Reactivity of Glutathione and Cysteine Toward Platinum(II) in the Presence and Absence of Guanosine 5'-Monophosphate

Full source: INORGANIC CHEMISTRY 1995, Vol 34, Iss 23, pp 5878-5883

Record 2 of 18.

Authors: Mitchell-KA Jensen-CM

Title: Synthesis, Characterization, and Reactivity of Platinum Cysteinato and Related Thiolato Complexes - Molecular-Structure of Pt-2(Mu-N-Acetyl-L-Cysteine-S)(2)(bpy)(2)

Full source: INORGANIC CHEMISTRY 1995, Vol 34, Iss 17, pp 4441-4446

Record 3 of 18.

Authors: Lambert-B Jestin-JL Brehin-P Oleykowski-C Yeung-AT Mailliet-P Pretot-C Lepecq-JB Jacqueminsablon-A Chottard-JC

Title: Binding of the Escherichia-Coli Uvrab Proteins to the DNA Monoadducts and Diadducts of Cis-(N-2-Amino-N-2-Methylamino-2,2,1-Bicycloheptane)Dichloroplatinum(II) and Cisplatin - Analysis of the Factors Controlling Recognition and Proof of Monoadduct-Mediated Uvrab-DNA Cross-Linking

Full source: JOURNAL OF BIOLOGICAL CHEMISTRY 1995, Vol 270, Iss 36, pp 21251-21257

Record 4 of 18.

Authors: Bednarski-PJ

Title: Reactions of a Cisplatin Analog Bearing an Estrogenic 1,2-Diarylethylenediamine Ligand with Sulfur-Containing Amino-Acids and Glutathione

Full source: JOURNAL OF INORGANIC BIOCHEMISTRY 1995, Vol 60, Iss 1, pp 1-19

Record 5 of 18.

Authors: Iakovidis-A Hadjiliadis-N

Title: Complex-Compounds of Platinum(II) and Platinum(IV) with Amino-Acids, Peptides and Their Derivatives

Full source: COORDINATION CHEMISTRY REVIEWS 1994, Vol 135, Iss NOV, pp 17-63

Record 6 of 18.

Authors: Rochon-FD Laperriere-G

Title: Synthesis of Tridentate Amine Pt(II) Complexes and Study of Their Reactions with Purine and Pyrimidine-Bases

Full source: CANADIAN JOURNAL OF CHEMISTRY-REVUE CANADIENNE DE CHIMIE 1994, Vol 72, Iss 5, pp 1225-1229

Record 7 of 18.

Authors: Schmulling-M Lippert-B Vaneldik-R

Title: Kinetics and Mechanism of the Substitution-Reactions of Cis-Diamminebis (1-Methyluracilato)Platinum(II) in Aqueous-Solution

Full source: INORGANIC CHEMISTRY 1994, Vol 33, Iss 15, pp 3276-3280

Record 8 of 18.

Authors: Zhu-LG Qin-L Parac-TN Kostic-NM

Title: Site-Specific Hydrolytic Cleavage of Cytochrome-C and of Its Heme Undecapeptide, Promoted by Coordination-Complexes of Palladium(II)

Full source: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY 1994, Vol 116, Iss 12, pp 5218-5224

Record 9 of 18.

Authors: Zhang-BL Tang-WX

Title: Kinetics of the Reaction of Platinum(II) Complexes with Metallothionein

Full source: JOURNAL OF INORGANIC BIOCHEMISTRY 1994, Vol 56, Iss 3, pp 143-153

Record 10 of 18.

Authors: Trynda-L Kudukjaworska-J

Title: Impact of K₂PtCl₄ on the Structure of Human Serum-Albumin and Its Binding Ability of Heme and Bilirubin

Full source: JOURNAL OF INORGANIC BIOCHEMISTRY 1994, Vol 53, Iss 4, pp 249-260

Record 11 of 18.

Authors: Suvachittanont-S Hohmann-H Vaneldik-R Reedijk-J

Title: Versatile Complex-Formation Kinetics Observed for the Reactions of a Model Cis-bis(Amine)Palladium(II) Complex with DNA Nucleosides and Nucleotides

Full source: INORGANIC CHEMISTRY 1993, Vol 32, Iss 21, pp 4544-4548

Record 12 of 18.

Authors: Mitchell-KA Streveler-KC Jensen-CM

Title: Isolation, Reactivity, and Molecular-Structure of Pt₂(-Mu-L-Sch₂Ch(COO)Nhc(O)CH₃-S)₂(bpy)₂ - Model of the Interaction of Platinum with Protein Sulfur Residues

Full source: INORGANIC CHEMISTRY 1993, Vol 32, Iss 12, pp 2608-2609

Record 13 of 18.

Authors: Lempers-ELM Reedijk-J

Title: Interactions of Platinum Amine Compounds with Sulfur-Containing Biomolecules and DNA Fragments

Full source: ADVANCES IN INORGANIC CHEMISTRY 1991, Vol 37, pp 175-217

Record 14 of 18.

Authors: Bednarski-PJ

Title: Relationships Between the Aqueous Chemistry and the Invitro Cytotoxic Activities of Mixed-Amine Cisplatin Analogs

Full source: BIOCHEMICAL PHARMACOLOGY 1992, Vol 43, Iss 12, pp 2609-2620

Record 15 of 18.

Authors: Farrell-N Kelland-LR Roberts-JD Vanbeusichem-M

Title: Activation of the Transgeometry in Platinum Antitumor Complexes - A Survey of the Cytotoxicity of Transcomplexes Containing Planar Ligands in Murine-L1210 and Human Tumor Panels and Studies on Their Mechanism of Action

Full source: CANCER RESEARCH 1992, Vol 52, Iss 18, pp 5065-5072

Record 16 of 18.

Authors: Reedijk-J

Title: The Relevance of Hydrogen-Bonding in the Mechanism of Action of Platinum Antitumor Compounds

Full source: INORGANICA CHIMICA ACTA 1992, Vol 200, Iss AUG-, pp 873-881

Record 17 of 18.

Authors: Jacobs-R Prinsloo-F Breet-E

Title: Kinetics of Binding of DNA Nucleotides to Antitumor Type Complexes

Full source: JOURNAL OF THE CHEMICAL SOCIETY-CHEMICAL COMMUNICATIONS 1992, Iss 3, pp 212-213

Record 18 of 18.

Authors: Mansuritorshizi-H Srivastava-TS Chavan-SJ Chitnis-MP

Title: Cytotoxicity and DNA-Binding Studies of Several Platinum-(II) and Palladium-(II) Complexes of the 2,2'-Bipyridine and an Anion of 2-Pyridinecarboxylic 2-Pyrazinecarboxylic Acid

Full source: JOURNAL OF INORGANIC BIOCHEMISTRY 1992, Vol 48, Iss 1, pp 63-70

RADANOVIC-DJ-1993-INORG-CHIM-ACTA-V207-P111

Record 1 of 1.

Authors: Radanovic-DJ Trifunovic-SR Maricondi-C Douglas-BE

Title: Synthesis and Characterization of Hexadentate Cobalt(III) Complexes with New EDTA-Type Ligands .4. Circular-Dichroism of the Trans(O5O6) Isomer of a Cobalt(III) Complex of 1,3-Propanediamine-N,N,N'-Triacetic-N'-3-Propionic Acid

Full source: INORGANICA CHIMICA ACTA 1994, Vol 219, Iss 1-2, pp 147-153

RADANOVIC-DJ-1993-INORG-CHIM-ACTA-V211-P149

Record 1 of 2.

Authors: Miyoshi-K Wang-J Mizuta-T

Title: Molecular-Structure of 7-Coordinate Trans(O-6)-(Ethylenediamine-N,N'-Diacetato-N,N'-di-3-Propionato)(Aqua)Titanate(III), Trans(O-6)-(Ti(Eddadp)(H2O))(-)

Full source: CHEMISTRY LETTERS 1995, Iss 8, pp 721-722

Record 2 of 2.

Authors: Radanovic-DJ Trifunovic-SR Maricondi-C Douglas-BE

Title: Synthesis and Characterization of Hexadentate Cobalt(III) Complexes with New EDTA-Type Ligands .4. Circular-Dichroism of the Trans(O5O6) Isomer of a Cobalt(III) Complex of 1,3-Propanediamine-N,N,N'-Triacetic-N'-3-Propionic Acid

Full source: INORGANICA CHIMICA ACTA 1994, Vol 219, Iss 1-2, pp 147-153

BARNHAM-KJ-1994-J-CHEM-SOC-CHEM-COMM-P721

Record 1 of 8.

Authors: Bose-RN Moghaddas-S Weaver-EL Cox-EH

Title: Reactivity of Glutathione and Cysteine Toward Platinum(II) in the Presence and Absence of Guanosine 5'-Monophosphate

Full source: INORGANIC CHEMISTRY 1995, Vol 34, Iss 23, pp 5878-5883

Record 2 of 8.

Authors: Bose-RN Li-DW Kennedy-M Basu-S

Title: Facile Formation of a Cis-Platin-Nonapeptide Complex of Human DNA Polymerase-Alpha Origin

Full source: JOURNAL OF THE CHEMICAL SOCIETY-CHEMICAL COMMUNICATIONS 1995, Iss 17, pp 1731-1732

Record 3 of 8.

Authors: Mikola-M Vihanto-J Arpalahti-J

Title: Dissociation of Platinum(II) Nucleobase Complexes - Evidence for a 3-Path Mechanism via a 5-Coordinate Intermediate

Full source: JOURNAL OF THE CHEMICAL SOCIETY-CHEMICAL COMMUNICATIONS 1995, Iss 17, pp 1759-1760

Record 4 of 8.

Authors: Sovago-I Kiss-A Lippert-B

Title: Spectroscopic and Potentiometric Studies on the Interaction of Trans-

((Meh(2),N)(2)Pt(Mcyt)(2)PdCl)NO₃ (Mcyt=1-Methylcytosinate) with Derivatives of Amino-Acids

Full source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS 1995, Iss 3, pp 489-494

Record 5 of 8.

Authors: Bednarski-PJ

Title: Reactions of a Cisplatin Analog Bearing an Estrogenic 1,2-Diarylethylenediamine Ligand with Sulfur-Containing Amino-Acids and Glutathione

Full source: JOURNAL OF INORGANIC BIOCHEMISTRY 1995, Vol 60, Iss 1, pp 1-19

Record 6 of 8.

Authors: Calaf-M Caubet-A Moreno-V Fontbardia-M Solans-X

Title: Alkyl Ester Derivatives of Methionine and Histidine with Pd(II) and Pt(II)

Full source: JOURNAL OF INORGANIC BIOCHEMISTRY 1995, Vol 59, Iss 1, pp 63-77

Record 7 of 8.

Authors: Guo-ZJ Faraglia-G Sitran-S

Title: Palladium(II) and Platinum(II) Complexes with N-Substituted Methionines

Full source: TRANSITION METAL CHEMISTRY 1995, Vol 20, Iss 1, pp 91-96

Record 8 of 8.

Authors: Barnham-KJ Frey-U Murdoch-PD Ranford-JD Sadler-PJ Newell-DR

Title: (Pt(Cbdca-O) (NH₃)₂(L-Methionine-S)) - Ring-Opened Adduct of the Anticancer-Drug Carboplatin (Paraplatin) - Detection of a Similar Complex in Urine by NMR-Spectroscopy

Full source: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY 1994, Vol 116, Iss 24, pp 11175-11176

BARNHAM-KJ-1995-INORG-CHEM-V34-P2826

Record 1 of 1.

Authors: Huang-HF Zhu-LM Reid-BR Drobny-GP Hopkins-PB

Title: Solution Structure of a Cisplatin-Induced DNA Interstrand Cross-Link

Full source: SCIENCE 1995, Vol 270, Iss 5243, pp 1842-1845

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GAILEY KD, 1978, J COORD CHEM, V8, P161, DOI 10.1080/00958977808073090

Record 1 of 8

Title: Synthetic, Crystallographic, and Computational Study of Copper(II) Complexes of Ethylenediaminetetracarboxylate Ligands

Author(s): Matovic, ZD (Matovic, Zoran D.); Miletic, VD (Miletic, Vesna D.); Cendic, M (Cendic, Marina); Meetsma, A (Meetsma, Auke); van Koningsbruggen, PJ (van Koningsbruggen, Petra J.); Deeth, RJ (Deeth, Robert J.)

Source: INORGANIC CHEMISTRY Volume: 52 Issue: 3 Pages: 1238-1247 DOI: 10.1021/ic301609t Published: FEB 4 2013

Record 2 of 8

Title: Synthesis, characterization and antimicrobial activity of novel platinum(IV) and palladium(II) complexes with meso-1,2-diphenyl-ethylenediamine-N,N'-di-3-propanoic acid - Crystal structure of H-2-1,2-dpheddp center dot 2HCl center dot H₂O

Author(s): Radic, GP (Radic, Gordana P.); Glodovic, VV (Glodovic, Verica V.); Ratkovic, ZR (Ratkovic, Zoran R.); Novakovic, SB (Novakovic, Sladana B.); Garcia-Granda, S (Garcia-Granda, Santiago); Roces, L (Roces, Laura); Menendez-Taboada, L (Menendez-Taboada, Laura); Radojevic, ID (Radojevic, Ivana D.); Stefanovic, OD (Stefanovic, Olgica D.); Comic, LR (Comic, Ljiljana R.); Trifunovic, SR (Trifunovic, Srecko R.)

Source: JOURNAL OF MOLECULAR STRUCTURE Volume: 1029 Pages: 180-186 DOI: 10.1016/j.molstruc.2012.07.007 Published: DEC 12 2012

Record 3 of 8

Title: N,N,N',N'-tetrakis(2-pyridylmethyl)ethylenediamine and its analogues as hypodentate ligands. Synthesis and characterization of the rhodium(III), ruthenium(II), and palladium(II) complexes

Author(s): Sokolov, M (Sokolov, M); Umakoshi, K (Umakoshi, K); Sasaki, Y (Sasaki, Y)

Source: INORGANIC CHEMISTRY Volume: 41 Issue: 24 Pages: 6237-6243 DOI: 10.1021/ic0203264 Published: DEC 2 2002

Record 4 of 8

Title: Synthesis and X-ray structural study of magnesium (1,3-propanediaminetetraacetato)nickelate(II) octahydrate, $\text{Mg}[\text{Ni}(1,3\text{-pdta})]\text{center dot } 8\text{H}(2)\text{O}$. Structural parameters and strain analysis of $[\text{M}(1,3\text{-pdta})](n-)$ complexes in relation to their octahedral distortion
 Author(s): Radanovic, DJ (Radanovic, DJ); Ama, T (Ama, T); Kawaguchi, H (Kawaguchi, H); Draskovic, NS (Draskovic, NS); Ristanovic, DM (Ristanovic, DM); Janicijevic, S (Janicijevic, S)
 Source: BULLETIN OF THE CHEMICAL SOCIETY OF JAPAN Volume: 74 Issue: 4 Pages: 701-706
 DOI: 10.1246/bcsj.74.701 Published: APR 2001

Record 5 of 8

Title: Manganese(II) complexes with edta-type ligands. The molecular structure of aquo-dihydrogen(1,2-propanediamine-N,N,N',N'-tetraacetate)manganese(II) trihydrate, $[\text{Mn}(\text{H}(2)1,2\text{-pdta})(\text{H}_2\text{O})]\text{center dot } 3\text{H}(2)\text{O}$
 Author(s): Trifunovic, SR (Trifunovic, SR); Matovic, ZD (Matovic, ZD); Milovanovic, V (Milovanovic, V); Kawaguchi, H (Kawaguchi, H); Yamasaki, M (Yamasaki, M)
 Source: TRANSITION METAL CHEMISTRY Volume: 25 Issue: 6 Pages: 680-685 DOI: 10.1023/A:1007028629561 Published: DEC 2000

Record 6 of 8

Title: Preparation and spectral assignments of hexadentate chromium(III) complexes containing unsymmetrical edta-type ligands. Trans-(O-5) geometrical isomer of sodium (ethylenediamine-N,N,N'-triacetato-N'-3-propionato)chromate(III) trihydrate, trans-(O-5)- $\text{Na}[\text{Cr}(\text{ed}3\text{ap})]\text{center dot } 3\text{H}(2)\text{O}$ and sodium (ethylenediamine-N-diacetato-N'-di-3-propionato)chromate(III) trihydrate, $\text{Na}[\text{Cr}(\text{mu-edd}3\text{ap})]\text{center dot } 3\text{H}(2)\text{O}$
 Author(s): Radanovic, DJ (Radanovic, DJ); Ristanovic, VM (Ristanovic, VM); Stojceva-Radovanovic, B (Stojceva-Radovanovic, B); Todorovska, AD (Todorovska, AD); Sakagami, N (Sakagami, N); Iino, A (Iino, A); Kaizaki, S (Kaizaki, S)
 Source: TRANSITION METAL CHEMISTRY Volume: 24 Issue: 4 Pages: 403-408 DOI: 10.1023/A:1006930006026 Published: AUG 1999

Record 7 of 8

Title: Synthesis and characterization of hexadentate cobalt(III) complexes with new edta-type ligands part 5. Structure and absolute configuration of the trans(O-5)-(-)(546)-isomer of lithium (ethylenediamine-N,N,N'-triacetato-N'-3-propionato)cobaltate(III) monohydrate, (-)(546)-trans(O-5)- $\text{Li}[\text{Co}(\text{ed}3\text{ap})]\text{center dot } \text{H}_2\text{O}$. Strain analysis of $[\text{Co}(\text{edta-type})](-)$ chelates in relation to their octahedral distortion
 Author(s): Radanovic, DJ (Radanovic, DJ); Miletic, VD (Miletic, VD); Ama, T (Ama, T); Kawaguchi, H (Kawaguchi, H)
 Source: BULLETIN OF THE CHEMICAL SOCIETY OF JAPAN Volume: 71 Issue: 7 Pages: 1605-1614 DOI: 10.1246/bcsj.71.1605 Published: JUL 1998

Record 8 of 8

Title: The favored trans(O-6) geometry in hexadentate copper(II) complexes of 1,3-propanediamine-N,N'-diacetic-N,N'-di-3-propionic acid. Crystal structure of trans(O-6)- $\text{Na}_2[\text{Cu}(1,3\text{-pdd}3\text{ap})]\text{center dot } \text{NaNO}_3\text{center dot } 2\text{H}(2)\text{O}$. Strain analysis and spectral assignments of complexes
 Author(s): Radanovic, DJ (Radanovic, DJ); Prelesnik, BV (Prelesnik, BV); Radanovic, DD (Radanovic, DD); Matovic, ZD (Matovic, ZD); Douglas, BE (Douglas, BE)
 Source: INORGANICA CHIMICA ACTA Volume: 262 Issue: 2 Pages: 203-211 DOI: 10.1016/S0020-1693(97)05524-2 Published: OCT 1 1997

RADANOVIC DJ, 1980, J COORD CHEM, V10, P115, DOI 10.1080/00958978008079858

Record 1 of 6

Title: Synthetic, Crystallographic, and Computational Study of Copper(II) Complexes of Ethylenediaminetetracarboxylate Ligands

Author(s): Matovic, ZD (Matovic, Zoran D.); Miletic, VD (Miletic, Vesna D.); Cendic, M (Cendic, Marina); Meetsma, A (Meetsma, Auke); van Koningsbruggen, PJ (van Koningsbruggen, Petra J.); Deeth, RJ (Deeth, Robert J.)

Source: INORGANIC CHEMISTRY Volume: 52 Issue: 3 Pages: 1238-1247 DOI: 10.1021/ic301609t Published: FEB 4 2013

Record 2 of 6

Title: Layered crystal structure of the trans(O5O6) isomer of potassium (1,3-propanediamine-N,N'-diacetato-N,N'-di-3-propionato) cobaltate(III) trihydrate, trans(O5O6)-K[Co(1,3-pddadp)] center dot 3H(2)O, stabilized by ionic, hydrogen bond and C=O dipolar interactions: Conformational analysis of Co(III) complexes with the 1,3-propanediamine-N,N'-diacetato-N,N'-di-3-propionate ligand

Author(s): Grubisic, S (Grubisic, S); Niketic, SR (Niketic, SR); Radanovic, DD (Radanovic, DD); Rychlewska, U (Rychlewska, U); Warzajtis, B (Warzajtis, B)

Source: POLYHEDRON Volume: 24 Issue: 13 Pages: 1701-1709 DOI: 10.1016/j.poly.2005.04.035 Published: SEP 15 2005

Record 3 of 6

Title: Synthesis and X-ray structural study of magnesium (1,3-propanediaminetetraacetato)nickelate(II) octahydrate, Mg[Ni(1,3-pdta)]center dot 8H(2)O. Structural parameters and strain analysis of [M(1,3-pdta)](n-) complexes in relation to their octahedral distortion

Author(s): Radanovic, DJ (Radanovic, DJ); Ama, T (Ama, T); Kawaguchi, H (Kawaguchi, H); Draskovic, NS (Draskovic, NS); Ristanovic, DM (Ristanovic, DM); Janicijevic, S (Janicijevic, S)

Source: BULLETIN OF THE CHEMICAL SOCIETY OF JAPAN Volume: 74 Issue: 4 Pages: 701-706 DOI: 10.1246/bcsj.74.701 Published: APR 2001

Record 4 of 6

Title: Synthesis and characterization of hexadentate cobalt(III) complexes with new edta-type ligands part 5. Structure and absolute configuration of the trans(O-5)(-)(546)-isomer of lithium (ethylenediamine-N,N,N'-triacetato-N'-3-propionato)cobaltate(III) monohydrate, (-)(546)-trans(O-5)-Li[Co(ed3ap)]center dot H2O. Strain analysis of [Co(edta-type)](-) chelates in relation to their octahedral distortion

Author(s): Radanovic, DJ (Radanovic, DJ); Miletic, VD (Miletic, VD); Ama, T (Ama, T); Kawaguchi, H (Kawaguchi, H)

Source: BULLETIN OF THE CHEMICAL SOCIETY OF JAPAN Volume: 71 Issue: 7 Pages: 1605-1614 DOI: 10.1246/bcsj.71.1605 Published: JUL 1998

Record 5 of 6

Title: The favored trans(O-6) geometry in hexadentate copper(II) complexes of 1,3-propanediamine-N,N'-diacetic-N,N'-di-3-propionic acid. Crystal structure of trans(O-6)-Na-2[Cu(1,3-pddadp)]center dot NaNO3 center dot 2H(2)O. Strain analysis and spectral assignments of complexes

Author(s): Radanovic, DJ (Radanovic, DJ); Prelesnik, BV (Prelesnik, BV); Radanovic, DD (Radanovic, DD); Matovic, ZD (Matovic, ZD); Douglas, BE (Douglas, BE)

Source: INORGANICA CHIMICA ACTA Volume: 262 Issue: 2 Pages: 203-211 DOI: 10.1016/S0020-1693(97)05524-2 Published: OCT 1 1997

Record 6 of 6

Title: Preparation and molecular structure of the trans(O-6) isomer of dihydrogen (1,3-propanediamine-N,N'-diacetato-N,N'-di-3-propionato)copper(II) complex. The stereochemistry of copper(II)-EDTA-type complexes in relation to the structure of the ligand

Author(s): Prelesnik, BV (Prelesnik, BV); Radanovic, DD (Radanovic, DD); Tomic, ZD (Tomic, ZD); Djurdjevic, P (Djurdjevic, P); Radanovic, DJ (Radanovic, DJ); Veselinovic, DS (Veselinovic, DS)

Source: POLYHEDRON Volume: 15 Issue: 21 Pages: 3761-3770 DOI: 10.1016/0277-5387(96)00115-5 Published: 1996

Radanovic D.J., 1984, J SERB CHEM SOC BEOG, V6, P315

Record 1 of 5

Title: Stereospecific ligands and their complexes. Part XIX. Synthesis, characterization, circular dichroism and antimicrobial activity of oxalato and malonato-(S,S)-ethylenediamine-N,N'-di-2-(3-methyl)butanoato-chromate(III) complexes

Author(s): Ilic, D (Ilic, Dragoslav); Jevtic, VV (Jevtic, Verica V.); Radojevic, ID (Radojevic, Ivana D.); Vasic, SM (Vasic, Sava M.); Stefanovic, OD (Stefanovic, Olgica D.); Comic, LR (Comic, Ljiljana R.); Vasojevic, MM (Vasojevic, Miorad M.); Jelic, MZ (Jelic, Miodrag Z.); Koval'chuk, TV (Koval'chuk, Tatyana V.); Loginova, NV (Loginova, Natalia V.); Trifunovic, SR (Trifunovic, Srecko R.)

Source: JOURNAL OF MOLECULAR STRUCTURE Volume: 1050 Pages: 133-139 DOI: 10.1016/j.molstruc.2013.07.022 Published: OCT 24 2013

Record 2 of 5

Title: Anomalous stereochemistry of pyrazolato-3,5-dicarboxylato-bridged dinuclear chromate(III) complexes containing ethylenediamine-N,N'-dicarboxylates with entrapped unstable conformations: X-ray structure of Na[Cr-2(eddp)(mu-pzdc)]center dot 6H(2)O

Author(s): Sakagami-Yoshida, N (Sakagami-Yoshida, N); Teramoto, M (Teramoto, M); Hioki, A (Hioki, A); Fuyuhiko, A (Fuyuhiko, A); Kaizaki, S (Kaizaki, S)

Source: INORGANIC CHEMISTRY Volume: 39 Issue: 25 Pages: 5717-5724 DOI: 10.1021/ic000361f Published: DEC 11 2000

Record 3 of 5

Title: Square-planar copper(II) complexes with a novel tetradentate amido-carboxylate ligand. Crystal structure of [Co(H₂O)(6)][Cu(mda)]center dot 2H(2)O

Author(s): Matovic, ZD (Matovic, ZD); Ristic, B (Ristic, B); Joksovic, M (Joksovic, M); Trifunovic, SR (Trifunovic, SR); Pelosi, G (Pelosi, G); Ianelli, S (Ianelli, S); Ponticelli, G (Ponticelli, G)

Source: TRANSITION METAL CHEMISTRY Volume: 25 Issue: 6 Pages: 720-726 DOI: 10.1023/A:1007051908027 Published: DEC 2000

Record 4 of 5

Title: Square-pyramidal copper(II) complexes of linear tetradentate edda-type ligands forming six-membered rings. Molecular structures of [Cu(1,3-pdda)(H₂O)] and [Cu(eddp)(H₂O)]center dot 3.5H(2)O

Author(s): Matovic, ZD (Matovic, ZD); Pelosi, G (Pelosi, G); Ianelli, S (Ianelli, S); Ponticelli, G (Ponticelli, G); Radanovic, DD (Radanovic, DD); Radanovic, DJ (Radanovic, DJ)

Source: INORGANICA CHIMICA ACTA Volume: 268 Issue: 2 Pages: 221-230 DOI: 10.1016/S0020-1693(97)05748-4 Published: FEB 10 1998

Record 5 of 5

Title: Syntheses and characterization of (diamine-N,N'-dicarboxylato)chromate(III) dinuclear complexes bridged by pyrazole-3,5-dicarboxylate: X-ray structures of Na[Cr-2(edda)(2)(mu-pzdc)]center dot 5H(2)O and Na[Cr-2(trdda)(2)(mu-pzdc)]center dot 3H(2)O

Author(s): Sakagami, N (Sakagami, N); Nakahanada, M (Nakahanada, M); Ino, K (Ino, K); Hioki, A (Hioki, A); Kaizaki, S (Kaizaki, S)

Source: INORGANIC CHEMISTRY Volume: 35 Issue: 3 Pages: 683-688 DOI: 10.1021/ic9503693
Published: JAN 31 1996

RADANOVIC DJ, 1985, J SERB CHEM SOC, V50, P99

Record 1 of 15

Title: Investigation of thermal stability and kinetics of thermal degradation of meridional isomers of aminocarboxylato cobalt(III) complexes

Author(s): Grguric-Sipka, SR (Grguric-Sipka, SR); Sabo, TJ (Sabo, TJ); Trifunovic, SR (Trifunovic, SR); Minic, DM (Minic, DM)

Source: THERMOCHIMICA ACTA Volume: 399 Issue: 1-2 Pages: 145-152 Article Number: DOI: 10.1016/S0040-6031(02)00458-6 Published: MAR 24 2003

Record 2 of 15

Title: Transition metal complexes with EDDA-type ligands - A review

Author(s): Sabo, TJ (Sabo, TJ); Grguric-Sipka, SR (Grguric-Sipka, SR); Trifunovic, SR (Trifunovic, SR)

Source: SYNTHESIS AND REACTIVITY IN INORGANIC AND METAL-ORGANIC CHEMISTRY
Volume: 32 Issue: 9 Pages: 1661-1717 DOI: 10.1081/SIM-120015086 Published: OCT 2002

Record 3 of 15

Title: Synthesis and crystal structure of s-cis-(ethylenediamine-N,N'-diacetato)cobalt(III) complex with N,N-dimethylglycine

Author(s): Dinovic, VM (Dinovic, VM); Bogdanovic, GA (Bogdanovic, GA); Novakovic, S (Novakovic, S); Sabo, TJ (Sabo, TJ)

Source: SYNTHESIS AND REACTIVITY IN INORGANIC AND METAL-ORGANIC CHEMISTRY
Volume: 32 Issue: 6 Pages: 1085-1097 DOI: 10.1081/SIM-120013022 Published: JUL 2002

Record 4 of 15

Title: The synthesis and characterization of facial and meridional isomers of uns-cis-(ethylenediamine-N,N'-di-3-propionato) cobalt(III) complexes with S-lysine and S-histidine

Author(s): Stamenovic, DD (Stamenovic, DD); Trifunovic, SR (Trifunovic, SR)

Source: JOURNAL OF THE SERBIAN CHEMICAL SOCIETY Volume: 67 Issue: 4 Pages: 235-241
Article Number: DOI: 10.2298/JSC0204235S Published: 2002

Record 5 of 15

Title: Preparation and characterization of facial and meridional isomers of uns-cis (ethylenediamine-N,N'-di-3-propionato)(S-arginine)cobalt(III) chloride dihydrate

Author(s): Dinovic, VM (Dinovic, VM); Sabo, TJ (Sabo, TJ)

Source: JOURNAL OF THE SERBIAN CHEMICAL SOCIETY Volume: 67 Issue: 5 Pages: 367-372
DOI: 10.2298/JSC0205367D Published: 2002

Record 6 of 15

Title: Preparation and characterization of cobalt(III) complexes with sarcosine and some tetradentate ligands of the edda type

Author(s): Dinovic, VM (Dinovic, VM); Grguric, SR (Grguric, SR); Xu, XY (Xu, XY); Sabo, TJ (Sabo, TJ)

Source: JOURNAL OF COORDINATION CHEMISTRY Volume: 53 Issue: 4 Pages: 355-363 DOI: 10.1080/00958970108022622 Published: 2001

Record 7 of 15

Title: Synthesis and characterization of meridional isomer of uns-cis-(ethylenediamine-N,N'-di-3-propionato)-(S-norleucinato)cobalt(III) semihydrate

Author(s): Sabo, TJ (Sabo, TJ); Trifunovic, SR (Trifunovic, SR)

Source: JOURNAL OF THE SERBIAN CHEMICAL SOCIETY Volume: 65 Issue: 7 Pages: 537-541 Published: 2000

Record 8 of 15

Title: Kinetic and thermodynamic studies of facial and meridional uns-cis-[Co(eddp)gly] complexes

Author(s): Petranovic, N (Petranovic, N); Minic, D (Minic, D); Sabo, TJ (Sabo, TJ); Dokovic, D (Dokovic, D)

Source: JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY Volume: 59 Issue: 3 Pages: 807-814 DOI: 10.1023/A:1010157821694 Published: 2000

Conference Title: 1st Brazilian-Association-for-Thermal-Analysis-and-Calorimetry Conference

Conference Date: MAR 29-APR 02, 1998

Conference Location: POCOS CALDAS, BRAZIL

Record 9 of 15

Title: Synthesis and characterization of sym-cis- and unsym-cis- (ethylenediamine-N,N'-di-3-propionato)cobalt(III) complexes with symmetrical N,N'-substituted diamines

Author(s): Grguric, SR (Grguric, SR); Sabo, TJ (Sabo, TJ)

Source: SYNTHESIS AND REACTIVITY IN INORGANIC AND METAL-ORGANIC CHEMISTRY Volume: 29 Issue: 9 Pages: 1567-1578 Published: OCT 1999

Record 10 of 15

Title: The synthesis and characterization of facial and meridional isomers of unsym-cis-(ethylene diamine-N,N'-di-3-propionato)cobalt(III) complexes with natural aliphatic alpha-amino acids containing oxygen and sulfur

Author(s): Trifunovic, SR (Trifunovic, SR); Disic, JM (Disic, JM); Sabo, TJ (Sabo, TJ)

Source: SYNTHESIS AND REACTIVITY IN INORGANIC AND METAL-ORGANIC CHEMISTRY Volume: 29 Issue: 9 Pages: 1673-1683 Published: OCT 1999

Record 11 of 15

Title: Synthesis and characterization of uns-cis-(1,3-propane-diamine-N,N'-diacetato)cobalt(III) complexes with symmetrical beta-diketonato ligands

Author(s): Trifunovic, SR (Trifunovic, SR); Vuckovic, N (Vuckovic, N); Grujic, SA (Grujic, SA); Tesic, ZL (Tesic, ZL); Sabo, TJ (Sabo, TJ)

Source: JOURNAL OF THE SERBIAN CHEMICAL SOCIETY Volume: 64 Issue: 1 Pages: 31-37 Published: 1999

Record 12 of 15

Title: Square-pyramidal copper(II) complexes of linear tetradentate edda-type ligands forming six-membered rings. Molecular structures of [Cu(1,3-pdda)(H₂O)] and [Cu(eddp)(H₂O)]center dot 3.5H₂O

Author(s): Matovic, ZD (Matovic, ZD); Pelosi, G (Pelosi, G); Ianelli, S (Ianelli, S); Ponticelli, G (Ponticelli, G); Radanovic, DD (Radanovic, DD); Radanovic, DJ (Radanovic, DJ)

Source: INORGANICA CHIMICA ACTA Volume: 268 Issue: 2 Pages: 221-230 DOI: 10.1016/S0020-1693(97)05748-4 Published: FEB 10 1998

Record 13 of 15

Title: Preparation and characterization of facial and meridional isomers of UNS-CIS-(ethylenediamine-N,N'-di-3-propionato)(glycinato)cobalt(III) semihydrate

Author(s): Sabo, TJ (Sabo, TJ); Grguric, SR (Grguric, SR); Minic, DM (Minic, DM); Trifunovic, SR (Trifunovic, SR)

Source: JOURNAL OF COORDINATION CHEMISTRY Volume: 44 Issue: 1-2 Pages: 47-54 DOI: 10.1080/00958979808022878 Published: 1998

Record 14 of 15

Title: Synthesis and characterization of uns-cis-(ethylenediamine-N,N'-di-3-propionato)cobalt(III) complexes with symmetrical beta-diketonato ligands

Author(s): Sabo, TJ (Sabo, TJ); Grguric, SR (Grguric, SR); Tesic, ZL (Tesic, ZL); Trifunovic, SR (Trifunovic, SR)

Source: JOURNAL OF THE SERBIAN CHEMICAL SOCIETY Volume: 63 Issue: 3 Pages: 193-199 Published: 1998

Record 15 of 15

Title: The preparation and characterization of facial and meridional isomers of uns-cis-(ethylenediamine-N,N'-di-3-propionato)cobalt(III) complexes with aliphatic alpha-S-amino acids

Author(s): Grguric, SR (Grguric, SR); Trifunovic, SR (Trifunovic, SR); Sabo, TJ (Sabo, TJ)

Source: JOURNAL OF THE SERBIAN CHEMICAL SOCIETY Volume: 63 Issue: 8 Pages: 669-675 Published: 1998

HERAK R, 1984, INORG CHIM A-ART LET, V83, P55, DOI 10.1016/S0020-1693(00)82372-5

Record 1 of 21

Title: Acidic 1,3-propanediaminetetraacetato lanthanides with luminescent and catalytic ester hydrolysis properties

Author(s): Chen, ML (Chen, Mao-Long); Shi, YR (Shi, Yan-Ru); Yang, YC (Yang, Yu-Chen); Zhou, ZH (Zhou, Zhao-Hui)

Source: JOURNAL OF SOLID STATE CHEMISTRY Volume: 219 Pages: 265-273 DOI: 10.1016/j.jssc.2014.07.037 Published: NOV 2014

Record 2 of 21

Title: Syntheses and catalytic oxidation of tetrameric and polymeric copper(II) 1,3-propanediaminetetraacetates

Author(s): Chen, ML (Chen, Mao-Long); Zhou, ZH (Zhou, Zhao-Hui)

Source: POLYHEDRON Volume: 81 Pages: 142-146 DOI: 10.1016/j.poly.2014.03.063 Published: OCT 15 2014

Record 3 of 21

Title: Secrets of Solid State and Aqueous Solution Structures of [Ni(tmdta)](2-)

Author(s): Meier, R (Meier, Roland); Platas-Iglesias, C (Platas-Iglesias, Carlos); Heinemann, FW (Heinemann, Frank W.); Linti, G (Linti, Gerald); Schulte, J (Schulte, Juergen); Srivastava, SK (Srivastava, Sunil K.)

Source: INORGANIC CHEMISTRY Volume: 53 Issue: 13 Pages: 6684-6697 DOI: 10.1021/ic5004325 Published: JUL 7 2014

Record 4 of 21

Title: Structures and thermal properties of strontium and barium 1,3-propanediaminetetraacetates

Author(s): Chen, ML (Chen, Mao-Long); Hou, YH (Hou, Yu-Hui); Xia, WS (Xia, Wen-Sheng); Zhou, ZH (Zhou, Zhao-Hui)

Source: JOURNAL OF COORDINATION CHEMISTRY Volume: 66 Issue: 11 Pages: 1906-1915 DOI: 10.1080/00958972.2013.788693 Published: JUN 1 2013

Record 5 of 21

Title: Configurational, LFDFT and NBO analysis of chromium(III) complexes of edta-type ligands

Author(s): Matovic, ZD (Matovic, Zoran D.); Jeremic, MS (Jeremic, Marija S.); Jelic, RM (Jelic, Ratomir M.); Zlatar, M (Zlatar, Matija); Jakovljevic, IZ (Jakovljevic, Ivan Z.)

Source: POLYHEDRON Volume: 55 Pages: 131-143 DOI: 10.1016/j.poly.2013.02.079 Published: MAY 17 2013

Record 6 of 21

Title: Conversion of a highly water-soluble acidic coordination polymer constructed by 1,3-propanediaminetetraacetato zinc nitrate to its bromide and isothiocyanate derivatives

Author(s): Chen, ML (Chen, Mao-Long); Yang, F (Yang, Fang); Zhou, ZH (Zhou, Zhao-Hui)

Source: POLYHEDRON Volume: 47 Issue: 1 Pages: 60-64 DOI: 10.1016/j.poly.2012.07.102 Published: OCT 26 2012

Record 7 of 21

Title: An analysis of the role of Na⁺ in the construction of metal organic frameworks possessing the chiral (10,3)-a (srs) topology

Author(s): Kostakis, GE (Kostakis, George E.); Powell, AK (Powell, Annie K.)

Source: DALTON TRANSACTIONS Volume: 39 Issue: 9 Pages: 2449-2450 DOI: 10.1039/b917354d Published: 2010

Record 8 of 21

Title: Stereospecific Ligands and their Complexes. III. Oxalato and Malonato-(ethylenediamine-N,N'-di-S,S-2-propionato)-Chromate(III) Complexes. Crystal Structure of the Delta-(-)(589)-s-cis-K[Cr(S,S-eddp)(ox)] center dot 0.5H(2)O

Author(s): Glodjovic, VV (Glodjovic, Verica V.); Heinemann, FW (Heinemann, Frank W.); Trifunovic, SR (Trifunovic, Srecko R.)

Source: JOURNAL OF CHEMICAL CRYSTALLOGRAPHY Volume: 38 Issue: 12 Pages: 883-889 DOI: 10.1007/s10870-008-9400-4 Published: DEC 2008

Record 9 of 21

Title: Effect of chelate dynamics on water exchange reactions of paramagnetic aminopolycarboxylate complexes

Author(s): Maigut, J (Maigut, Joachim); Meier, R (Meier, Roland); Zahl, A (Zahl, Achim); van Eldik, R (van Eldik, Rudi)

Source: INORGANIC CHEMISTRY Volume: 47 Issue: 13 Pages: 5702-5719 DOI: 10.1021/ic702421z Published: JUL 7 2008

Record 10 of 21

Title: Synthesis, structural, spectroscopic and magnetic susceptibility studies of a soluble Cr(III)-heida (2-hydroxyethyliminodiacetic acid) complex. Relevance to aqueous chromium(III)-heida speciation

Author(s): Gabriel, C (Gabriel, Catherine); Raptopoulou, CP (Raptopoulou, Catherine P.); Terzis, A (Terzis, Aris); Lalioti, N (Lalioti, Nikolia); Salifoglou, A (Salifoglou, Athanasios)

Source: INORGANICA CHIMICA ACTA Volume: 360 Issue: 2 Pages: 513-522 DOI:

10.1016/j.ica.2006.07.097 Published: FEB 1 2007

Record 11 of 21

Title: Structural characterization and conformational analysis of (aqua)(ethylenediamine-N,N,N'-triacetato)chromium(III) monohydrate complex. Crystal structure of the cis-equatorial isomer of [Cr(ed3a)(H₂O)]center dot H₂O

Author(s): Grubisic, S (Grubisic, S); Gruden-Pavlovic, M (Gruden-Pavlovic, M); Niketic, SR (Niketic, SR); Kaizaki, S (Kaizaki, S); Sakagami-Yoshida, N (Sakagami-Yoshida, N)

Source: INORGANIC CHEMISTRY COMMUNICATIONS Volume: 6 Issue: 9 Pages: 1180-1184

DOI: 10.1016/S1387-7003(03)00220-X Published: SEP 2003

Record 12 of 21

Title: Synthesis and X-ray structural study of magnesium (1,3-propanediaminetetraacetato)nickelate(II) octahydrate, Mg[Ni(1,3-pdta)]center dot 8H(2)O. Structural parameters and strain analysis of [M(1,3-pdta)](n-) complexes in relation to their octahedral distortion

Author(s): Radanovic, DJ (Radanovic, DJ); Ama, T (Ama, T); Kawaguchi, H (Kawaguchi, H); Draskovic, NS (Draskovic, NS); Ristanovic, DM (Ristanovic, DM); Janicijevic, S (Janicijevic, S)

Source: BULLETIN OF THE CHEMICAL SOCIETY OF JAPAN Volume: 74 Issue: 4 Pages: 701-706

DOI: 10.1246/bcsj.74.701 Published: APR 2001

Record 13 of 21

Title: Preparation and crystal structure of the trans(O-5) isomer of magnesium(ethylenediamine-N,N,N'-triacetato-N'-3-propionato)cuprate(II) octahydrate, Mg[Cu(ed3ap)]center dot 8H(2)O. Stereochemistry of octahedral Cu(II)-EDTA-type complexes in relation to the structure of the ligand

Author(s): Radanovic, DJ (Radanovic, DJ); Ama, T (Ama, T); Guresic, DM (Guresic, DM); Ristanovic, DM (Ristanovic, DM); Radanovic, DD (Radanovic, DD); Kawaguchi, H (Kawaguchi, H)

Source: BULLETIN OF THE CHEMICAL SOCIETY OF JAPAN Volume: 73 Issue: 10 Pages: 2283-2288 DOI: 10.1246/bcsj.73.2283 Published: OCT 2000

Record 14 of 21

Title: Synthesis and X-ray structural study of magnesium (1,3-propanediaminetetraacetato)cuprate(II) octahydrate, Mg[Cu(1,3-pdta)] center dot 8H(2)O. Stereochemistry of hexadentate copper(II)-edta-type complexes in relation to the structure of the ligand

Author(s): Rychlewska, U (Rychlewska, U); Radanovic, DD (Radanovic, DD); Jevtovic, VS (Jevtovic, VS); Radanovic, DJ (Radanovic, DJ)

Source: POLYHEDRON Volume: 19 Issue: 1 Pages: 1-5 DOI: 10.1016/S0277-5387(99)00316-2

Published: JAN 15 2000

Record 15 of 21

Title: Hexadentate chromium(III) complexes containing unsymmetrical edta-type ligands - Part IV. Crystal structures of (-)(589)-trans(O-5)-Na[Cr(ed3ap)]center dot 3H(2)O and Na[Cr(u-eddadp)]center dot 3H(2)O and CD spectra correlation: structural parameters of [Cr(edta-type)](-) complexes and their octahedral distortion in relation to the structure of the ligand

Author(s): Radanovic, DJ (Radanovic, DJ); Sakagami, N (Sakagami, N); Ristanovic, VM (Ristanovic, VM); Kaizaki, S (Kaizaki, S)

Source: INORGANICA CHIMICA ACTA Volume: 292 Issue: 1 Pages: 16-27 DOI: 10.1016/S0020-1693(99)00164-4 Published: SEP 2 1999

Record 16 of 21

Title: Preparation and spectral assignments of hexadentate chromium(III) complexes containing unsymmetrical edta-type ligands. Trans-(O-5) geometrical isomer of sodium (ethylenediamine-N,N,N'-triacetato-N'-3-propionato)chromate(III) trihydrate, trans-(O-5)-Na[Cr(ed3ap)]center dot 3H(2)O and sodium (ethylenediamine-N-diacetato-N'-di-3-propionato)chromate(III) trihydrate, Na[Cr(mu-eddadp)]center dot 3H(2)O

Author(s): Radanovic, DJ (Radanovic, DJ); Ristanovic, VM (Ristanovic, VM); Stojceva-Radovanovic, B (Stojceva-Radovanovic, B); Todorovska, AD (Todorovska, AD); Sakagami, N (Sakagami, N); Iino, A (Iino, A); Kaizaki, S (Kaizaki, S)

Source: TRANSITION METAL CHEMISTRY Volume: 24 Issue: 4 Pages: 403-408 DOI: 10.1023/A:1006930006026 Published: AUG 1999

Record 17 of 21

Title: Synthesis and characterization of hexadentate cobalt(III) complexes with new edta-type ligands part 5. Structure and absolute configuration of the trans(O-5)(-)(546)-isomer of lithium (ethylenediamine-N,N,N'-triacetato-N'-3-propionato)cobaltate(III) monohydrate, (-)(546)-trans(O-5)-Li[Co(ed3ap)]center dot H2O. Strain analysis of [Co(edta-type)](-) chelates in relation to their octahedral distortion

Author(s): Radanovic, DJ (Radanovic, DJ); Miletic, VD (Miletic, VD); Ama, T (Ama, T); Kawaguchi, H (Kawaguchi, H)

Source: BULLETIN OF THE CHEMICAL SOCIETY OF JAPAN Volume: 71 Issue: 7 Pages: 1605-1614 DOI: 10.1246/bcsj.71.1605 Published: JUL 1998

Record 18 of 21

Title: Ligand structural effects on the electrochemistry of chromium(III) amino carboxylate complexes

Author(s): Hecht, M (Hecht, M); Schultz, FA (Schultz, FA); Speiser, B (Speiser, B)

Source: INORGANIC CHEMISTRY Volume: 35 Issue: 19 Pages: 5555-5563 DOI: 10.1021/ic960152o Published: SEP 11 1996

Record 19 of 21

Title: The crystal structure of potassium trans(O-6)-1,3-propanediamine-N,N'-diacetato-N,N'-di-3-propionatocobaltate(III) trihydrate and consideration of ring strain, Ktrans(O-6)-[Co(1,3-pddadp)]center dot 3H(2)O

Author(s): Parvez, M (Parvez, M); Maricondi, C (Maricondi, C); Radanovic, DJ (Radanovic, DJ); Trifunovic, SR (Trifunovic, SR); Miletic, VD (Miletic, VD); Douglas, BE (Douglas, BE)

Source: INORGANICA CHIMICA ACTA Volume: 248 Issue: 1 Pages: 89-92 DOI: 10.1016/0020-1693(95)04975-4 Published: JUL 1 1996

Record 20 of 21

Title: An electrochemical study of solvent-complex interactions in trans-1,2-diaminocyclohexane-N,N,N',N'-tetraacetatochromate(III) and 1,2-diaminoethane-N-hydroxyethyl-N,N',N'-triacetatochromium(III)

Author(s): Hecht, M (Hecht, M); Fawcett, WR (Fawcett, WR)

Source: ELECTROCHIMICA ACTA Volume: 41 Issue: 9 Pages: 1423-1433 DOI: 10.1016/0013-4686(95)00388-6 Published: JUN 1996

Record 21 of 21

Title: Preparation and molecular structure of the trans(O-6) isomer of dihydrogen (1,3-propanediamine-N,N'-diacetato-N,N'-di-3-propionato)copper(II) complex. The stereochemistry of copper(II)-EDTA-type complexes in relation to the structure of the ligand

Author(s): Prelesnik, BV (Prelesnik, BV); Radanovic, DD (Radanovic, DD); Tomic, ZD (Tomic, ZD); Djurdjevic, P (Djurdjevic, P); Radanovic, DJ (Radanovic, DJ); Veselinovic, DS (Veselinovic, DS)

Source: POLYHEDRON Volume: 15 Issue: 21 Pages: 3761-3770 DOI: 10.1016/0277-5387(96)00115-5 Published: 1996

HERAK R, 1985, J CHEM SOC DALTON, P861, DOI 10.1039/dt9850000861

Record 1 of 10

Title: Structures of Vanadium(III)-Ethylenediamine-N,N'-diacetato-N,N'-di-3-propionato Complexes. Critical Role of p(pi)-d(pi) Donation in Determining the Coordination Number

Author(s): Meier, R (Meier, Roland); Mitzenheim, S (Mitzenheim, Steffi); Pritzkow, H (Pritzkow, Hans); van Eldik, R (van Eldik, Rudi)

Source: INORGANIC CHEMISTRY Volume: 50 Issue: 3 Pages: 1005-1013 DOI:

10.1021/ic101679n Published: FEB 7 2011

Record 2 of 10

Title: Layered crystal structure of the trans(O5O6) isomer of potassium (1,3-propanediamine-N,N'-diacetato-N,N'-di-3-propionato) cobaltate(III) trihydrate, trans(O5O6)-K[Co(1,3-pddadp)] center dot 3H(2)O, stabilized by ionic, hydrogen bond and C=O dipolar interactions: Conformational analysis of Co(III) complexes with the 1,3-propanediamine-N,N'-diacetato-N,N'-di-3-propionate ligand

Author(s): Grubisic, S (Grubisic, S); Niketic, SR (Niketic, SR); Radanovic, DD (Radanovic, DD); Rychlewska, U (Rychlewska, U); Warzajtis, B (Warzajtis, B)

Source: POLYHEDRON Volume: 24 Issue: 13 Pages: 1701-1709 DOI: 10.1016/j.poly.2005.04.035

Published: SEP 15 2005

Record 3 of 10

Title: Characterization of the two geometrical isomers of (1,3-propanediamine-N,N'-diacetato-N,N'-di-3-propionato)-nickelate(II). X-ray structure of the binuclear complex trans(O-5)-[Ni-2(1,3-pddadp)(H2O)(4)]center dot 4H(2)O and octahedral distortion of edta-type chelates

Author(s): Matovic, ZD (Matovic, ZD); Ianelli, S (Ianelli, S); Pelosi, G (Pelosi, G); Janicijevic, SK (Janicijevic, SK); Ristanovic, VM (Ristanovic, VM); Ponticelli, G (Ponticelli, G); Radanovic, DJ (Radanovic, DJ)

Source: POLYHEDRON Volume: 21 Issue: 27-28 Pages: 2667-2674 Article Number: DOI:

10.1016/S0277-5387(02)01271-8 Published: DEC 15 2002

Record 4 of 10

Title: Hydrated metal complexes of N-(6-amino-3,4-dihydro-3-methyl-5-nitroso-4-oxopyrimidin-2-yl)glycinate: interplay of molecular, molecular-electronic and supramolecular structures

Author(s): Low, JN (Low, JN); Sanchez, JMM (Sanchez, JMM); Mascaros, PA (Mascaros, PA); Salido, MLG (Salido, MLG); Garzon, RL (Garzon, RL); Domingo, JC (Domingo, JC); Glidewell, C (Glidewell, C)

Source: ACTA CRYSTALLOGRAPHICA SECTION B-STRUCTURAL SCIENCE Volume: 57 Pages: 317-328 DOI: 10.1107/S0108768100020280 Part: 3 Published: JUN 2001

Record 5 of 10

Title: Some hexadentate Ni(II)-edta-type complexes containing five-membered diamine rings. The molecular and crystal structure of the trans(O-5) isomer of barium(ethylenediamine-N,N'-diacetato-N,N'-di-3-propionato)nickelate(II) hexahydrate, trans(O-5)-Ba[Ni(eddadp)]center dot 6H(2)O, and strain analysis of edta-type chelates in relation to their octahedral distortion

Author(s): Radanovic, DJ (Radanovic, DJ); Ianelli, S (Ianelli, S); Pelosi, G (Pelosi, G); Matovic, ZD (Matovic, ZD); Tasic-Stojanovic, S (Tasic-Stojanovic, S); Douglas, BE (Douglas, BE)

Source: INORGANICA CHIMICA ACTA Volume: 278 Issue: 1 Pages: 66-75 DOI: 10.1016/S0020-1693(98)00009-7 Published: AUG 15 1998

Record 6 of 10

Title: Synthesis and characterization of hexadentate cobalt(III) complexes with new edta-type ligands part 5. Structure and absolute configuration of the trans(O-5)(-)(546)-isomer of lithium (ethylenediamine-N,N,N'-triacetato-N'-3-propionato)cobaltate(III) monohydrate, (-)(546)-trans(O-5)-Li[Co(ed3ap)]center dot H2O. Strain analysis of [Co(edta-type)](-) chelates in relation to their octahedral distortion

Author(s): Radanovic, DJ (Radanovic, DJ); Miletic, VD (Miletic, VD); Ama, T (Ama, T); Kawaguchi, H (Kawaguchi, H)

Source: BULLETIN OF THE CHEMICAL SOCIETY OF JAPAN Volume: 71 Issue: 7 Pages: 1605-1614 DOI: 10.1246/bcsj.71.1605 Published: JUL 1998

Record 7 of 10

Title: The favored trans(O-6) geometry in hexadentate copper(II) complexes of 1,3-propanediamine-N,N'-diacetic-N,N'-di-3-propionic acid. Crystal structure of trans(O-6)-Na-2[Cu(1,3-pddadp)]center dot NaNO3 center dot 2H(2)O. Strain analysis and spectral assignments of complexes

Author(s): Radanovic, DJ (Radanovic, DJ); Prelesnik, BV (Prelesnik, BV); Radanovic, DD (Radanovic, DD); Matovic, ZD (Matovic, ZD); Douglas, BE (Douglas, BE)

Source: INORGANICA CHIMICA ACTA Volume: 262 Issue: 2 Pages: 203-211 DOI: 10.1016/S0020-1693(97)05524-2 Published: OCT 1 1997

Record 8 of 10

Title: The crystal and molecular structure of cobalt(III) ethylenediamine-N,N'-diacetate-N,N'-di-3-propionate(3-) dihydrate [Co(HEdda)]center dot 2H(2)O

Author(s): Antsyshkina, AS (Antsyshkina, AS); Sadikov, GG (Sadikov, GG); Shkolnikova, LM (Shkolnikova, LM); Poznyak, AL (Poznyak, AL); Sergienko, VS (Sergienko, VS)

Source: ZHURNAL NEORGANICHESKOI KHIMII Volume: 41 Issue: 9 Pages: 1463-1469 Published: SEP 1996

Record 9 of 10

Title: The crystal structure of potassium trans(O-6)-1,3-propanediamine-N,N'-diacetato-N,N'-di-3-propionatocobaltate(III) trihydrate and consideration of ring strain, Ktrans(O-6)-[Co(1,3-pddadp)]center dot 3H(2)O

Author(s): Parvez, M (Parvez, M); Maricondi, C (Maricondi, C); Radanovic, DJ (Radanovic, DJ); Trifunovic, SR (Trifunovic, SR); Miletic, VD (Miletic, VD); Douglas, BE (Douglas, BE)

Source: INORGANICA CHIMICA ACTA Volume: 248 Issue: 1 Pages: 89-92 DOI: 10.1016/0020-1693(95)04975-4 Published: JUL 1 1996

Record 10 of 10

Title: Preparation and molecular structure of the trans(O-6) isomer of dihydrogen (1,3-propanediamine-N,N'-diacetato-N,N'-di-3-propionato)copper(II) complex. The stereochemistry of copper(II)-EDTA-type complexes in relation to the structure of the ligand

Author(s): Prelesnik, BV (Prelesnik, BV); Radanovic, DD (Radanovic, DD); Tomic, ZD (Tomic, ZD); Djurdjevic, P (Djurdjevic, P); Radanovic, DJ (Radanovic, DJ); Veselinovic, DS (Veselinovic, DS)

Source: POLYHEDRON Volume: 15 Issue: 21 Pages: 3761-3770 DOI: 10.1016/0277-5387(96)00115-5 Published: 1996

RADANOVIC DJ, 1985, INORG CHEM, V24, P4239, DOI 10.1021/ic00219a006

Record 1 of 5

Title: Square-pyramidal copper(II) chelate complexes of edta-type and related ligands forming six-membered rings. Crystal structure of magnesium (ethylenediamine-N,N,N'-tri-3-propionato-N'-3-propionato)copper(II) decahydrate, $\text{Mg}[\text{Cu}(\text{edtp})]\text{center dot } 10\text{H}(2)\text{O}$

Author(s): Rychlewska, U (Rychlewska, U); Radanovic, DD (Radanovic, DD); Dimitrijevic, MD (Dimitrijevic, MD); Ristanovic, DM (Ristanovic, DM); Vasojevic, MM (Vasojevic, MM); Radanovic, DJ (Radanovic, DJ)

Source: POLYHEDRON Volume: 20 Issue: 19 Pages: 2523-2530 DOI: 10.1016/S0277-5387(01)00851-8 Published: AUG 30 2001

Record 2 of 5

Title: Preparation and crystal structure of the trans(O-5) isomer of magnesium(ethylenediamine-N,N,N'-triacetato-N'-3-propionato)cuprate(II) octahydrate, $\text{Mg}[\text{Cu}(\text{ed3ap})]\text{center dot } 8\text{H}(2)\text{O}$.

Stereochemistry of octahedral Cu(II)-EDTA-type complexes in relation to the structure of the ligand
Author(s): Radanovic, DJ (Radanovic, DJ); Ama, T (Ama, T); Guresic, DM (Guresic, DM); Ristanovic, DM (Ristanovic, DM); Radanovic, DD (Radanovic, DD); Kawaguchi, H (Kawaguchi, H)

Source: BULLETIN OF THE CHEMICAL SOCIETY OF JAPAN Volume: 73 Issue: 10 Pages: 2283-2288 DOI: 10.1246/bcsj.73.2283 Published: OCT 2000

Record 3 of 5

Title: Synthesis and X-ray structural study of magnesium (1,3-propanediaminetetraacetato)cuprate(II) octahydrate, $\text{Mg}[\text{Cu}(1,3\text{-pdta})]\text{center dot } 8\text{H}(2)\text{O}$. Stereochemistry of hexadentate copper(II)-edta-type complexes in relation to the structure of the ligand

Author(s): Rychlewska, U (Rychlewska, U); Radanovic, DD (Radanovic, DD); Jevtovic, VS (Jevtovic, VS); Radanovic, DJ (Radanovic, DJ)

Source: POLYHEDRON Volume: 19 Issue: 1 Pages: 1-5 DOI: 10.1016/S0277-5387(99)00316-2 Published: JAN 15 2000

Record 4 of 5

Title: Some hexadentate Ni(II)-edta-type complexes containing five-membered diamine rings. The molecular and crystal structure of the trans(O-5) isomer of barium(ethylenediamine-N,N'-diacetato-N,N'-di-3-propionato)nickelate(II) hexahydrate, trans(O-5)- $\text{Ba}[\text{Ni}(\text{eddadp})]\text{center dot } 6\text{H}(2)\text{O}$, and strain analysis of edta-type chelates in relation to their octahedral distortion

Author(s): Radanovic, DJ (Radanovic, DJ); Ianelli, S (Ianelli, S); Pelosi, G (Pelosi, G); Matovic, ZD (Matovic, ZD); Tasic-Stojanovic, S (Tasic-Stojanovic, S); Douglas, BE (Douglas, BE)

Source: INORGANICA CHIMICA ACTA Volume: 278 Issue: 1 Pages: 66-75 DOI: 10.1016/S0020-1693(98)00009-7 Published: AUG 15 1998

Record 5 of 5

Title: The crystal structure of potassium trans(O-6)-1,3-propanediamine-N,N'-diacetato-N,N'-di-3-propionatocobaltate(III) trihydrate and consideration of ring strain, $\text{Ktrans}(\text{O-6})\text{-}[\text{Co}(1,3\text{-pddadp})]\text{center dot } 3\text{H}(2)\text{O}$

Author(s): Parvez, M (Parvez, M); Maricondi, C (Maricondi, C); Radanovic, DJ (Radanovic, DJ); Trifunovic, SR (Trifunovic, SR); Miletic, VD (Miletic, VD); Douglas, BE (Douglas, BE)

Source: INORGANICA CHIMICA ACTA Volume: 248 Issue: 1 Pages: 89-92 DOI: 10.1016/0020-1693(95)04975-4 Published: JUL 1 1996

RADANOVIC DJ, 1988, INORG CHEM, V27, P1265, DOI 10.1021/ic00280a035

Record 1 of 5

Title: Synthetic, Crystallographic, and Computational Study of Copper(II) Complexes of Ethylenediaminetetracarboxylate Ligands

Author(s): Matovic, ZD (Matovic, Zoran D.); Miletic, VD (Miletic, Vesna D.); Cendic, M (Cendic, Marina); Meetsma, A (Meetsma, Auke); van Koningsbruggen, PJ (van Koningsbruggen, Petra J.); Deeth, RJ (Deeth, Robert J.)

Source: INORGANIC CHEMISTRY Volume: 52 Issue: 3 Pages: 1238-1247 DOI: 10.1021/ic301609t Published: FEB 4 2013

Record 2 of 5

Title: Nickel(II) in chelate N2O2 environment. DFT approach and in-depth molecular orbital and configurational analysis

Author(s): Trifunovic, SR (Trifunovic, Srećko R.); Miletic, VD (Miletic, Vesna D.); Jevtic, VV (Jevtic, Verica V.); Meetsma, A (Meetsma, Auke); Matovic, ZD (Matovic, Zoran D.)

Source: DALTON TRANSACTIONS Volume: 42 Issue: 37 Pages: 13357-13368 DOI: 10.1039/c3dt51099a Published: 2013

Record 3 of 5

Title: A Michael-type reaction between acrylate ions and ethylenediamine coordinated to Ni(II). Synthesis, crystal structure and magnetic properties of [Ni-2(EDDP)(2)(H2O)(2)]center dot 2H(2)O (H2EDDP = ethylenediamine-N,N-dipropionic acid)

Author(s): Badea, M (Badea, Mihaela); Olar, R (Olar, Rodica); Marinescu, D (Marinescu, Dana); Vasile, G (Vasile, Gina); Jurca, B (Jurca, Bogdan); Madalan, AM (Madalan, Augustin M.); Andruh, M (Andruh, Marius)

Source: INORGANIC CHEMISTRY COMMUNICATIONS Volume: 12 Issue: 6 Pages: 555-557 DOI: 10.1016/j.inoche.2009.04.019 Published: JUN 2009

Record 4 of 5

Title: Synthesis and characterization of hexadentate cobalt(III) complexes with new edta-type ligands part 5. Structure and absolute configuration of the trans(O-5)(-)(546)-isomer of lithium (ethylenediamine-N,N,N'-triacetato-N'-3-propionato)cobaltate(III) monohydrate, (-)(546)-trans(O-5)-Li[Co(ed3ap)]center dot H2O. Strain analysis of [Co(edta-type)](-) chelates in relation to their octahedral distortion

Author(s): Radanovic, DJ (Radanovic, DJ); Miletic, VD (Miletic, VD); Ama, T (Ama, T); Kawaguchi, H (Kawaguchi, H)

Source: BULLETIN OF THE CHEMICAL SOCIETY OF JAPAN Volume: 71 Issue: 7 Pages: 1605-1614 DOI: 10.1246/bcsj.71.1605 Published: JUL 1998

Record 5 of 5

Title: The favored trans(O-6) geometry in hexadentate copper(II) complexes of 1,3-propanediamine-N,N'-diacetic-N,N'-di-3-propionic acid. Crystal structure of trans(O-6)-Na-2[Cu(1,3-pddadp)]center dot NaNO3 center dot 2H(2)O. Strain analysis and spectral assignments of complexes

Author(s): Radanovic, DJ (Radanovic, DJ); Prelesnik, BV (Prelesnik, BV); Radanovic, DD (Radanovic, DD); Matovic, ZD (Matovic, ZD); Douglas, BE (Douglas, BE)

Source: INORGANICA CHIMICA ACTA Volume: 262 Issue: 2 Pages: 203-211 DOI: 10.1016/S0020-1693(97)05524-2 Published: OCT 1 1997

RADANOVIC DJ, 1988, INORG CHIM ACTA, V146, P199, DOI 10.1016/S0020-1693(00)80609-X

Record 1 of 5

Title: Configurational, LFDFT and NBO analysis of chromium(III) complexes of edta-type ligands
 Author(s): Matovic, ZD (Matovic, Zoran D.); Jeremic, MS (Jeremic, Marija S.); Jelic, RM (Jelic, Ratomir M.); Zlatar, M (Zlatar, Matija); Jakovljevic, IZ (Jakovljevic, Ivan Z.)
 Source: POLYHEDRON Volume: 55 Pages: 131-143 DOI: 10.1016/j.poly.2013.02.079 Published: MAY 17 2013

Record 2 of 5

Title: Hexadentate chromium(III) complexes containing unsymmetrical edta-type ligands - Part IV. Crystal structures of (-)(589)-trans(O-5)-Na[Cr(ed3ap)]center dot 3H(2)O and Na[Cr(u-edd4ap)]center dot 3H(2)O and CD spectra correlation: structural parameters of [Cr(edta-type)](-) complexes and their octahedral distortion in relation to the structure of the ligand
 Author(s): Radanovic, DJ (Radanovic, DJ); Sakagami, N (Sakagami, N); Ristanovic, VM (Ristanovic, VM); Kaizaki, S (Kaizaki, S)
 Source: INORGANICA CHIMICA ACTA Volume: 292 Issue: 1 Pages: 16-27 DOI: 10.1016/S0020-1693(99)00164-4 Published: SEP 2 1999

Record 3 of 5

Title: Preparation and spectral assignments of hexadentate chromium(III) complexes containing unsymmetrical edta-type ligands. Trans-(O-5) geometrical isomer of sodium (ethylenediamine-N,N,N '-triacetato-N '-3-propionato)chromate(III) trihydrate, trans-(O-5)-Na[Cr(ed3ap)]center dot 3H(2)O and sodium (ethylenediamine-N-diacetato-N '-di-3-propionato)chromate(III) trihydrate, Na[Cr(mu-edd4ap)]center dot 3H(2)O
 Author(s): Radanovic, DJ (Radanovic, DJ); Ristanovic, VM (Ristanovic, VM); Stojceva-Radovanovic, B (Stojceva-Radovanovic, B); Todorovska, AD (Todorovska, AD); Sakagami, N (Sakagami, N); Iino, A (Iino, A); Kaizaki, S (Kaizaki, S)
 Source: TRANSITION METAL CHEMISTRY Volume: 24 Issue: 4 Pages: 403-408 DOI: 10.1023/A:1006930006026 Published: AUG 1999

Record 4 of 5

Title: Synthesis and characterization of hexadentate cobalt(III) complexes with new edta-type ligands part 5. Structure and absolute configuration of the trans(O-5)(-)(546)-isomer of lithium (ethylenediamine-N,N,N '-triacetato-N '-3-propionato)cobaltate(III) monohydrate, (-)(546)-trans(O-5)-Li[Co(ed3ap)]center dot H2O. Strain analysis of [Co(edta-type)](-) chelates in relation to their octahedral distortion
 Author(s): Radanovic, DJ (Radanovic, DJ); Miletic, VD (Miletic, VD); Ama, T (Ama, T); Kawaguchi, H (Kawaguchi, H)
 Source: BULLETIN OF THE CHEMICAL SOCIETY OF JAPAN Volume: 71 Issue: 7 Pages: 1605-1614 DOI: 10.1246/bcsj.71.1605 Published: JUL 1998

Record 5 of 5

Title: Recent developments in chromium chemistry
 Author(s): House, DA (House, DA)
 Source: ADVANCES IN INORGANIC CHEMISTRY, VOL. 44 Book Series: ADVANCES IN INORGANIC CHEMISTRY Volume: 44 Pages: 341-373 Published: 1997

PARVEZ M, 1991, INORG CHIM ACTA, V182, P177, DOI 10.1016/S0020-1693(00)90153-1
PARVEZ M, 1991, INORG CHIM ACTA, V182, P117

Record 1 of 19

Title: Configurational, LFDFT and NBO analysis of chromium(III) complexes of edta-type ligands
 Author(s): Matovic, ZD (Matovic, Zoran D.); Jeremic, MS (Jeremic, Marija S.); Jelic, RM (Jelic, Ratomir M.); Zlataar, M (Zlataar, Matija); Jakovljevic, IZ (Jakovljevic, Ivan Z.)
 Source: POLYHEDRON Volume: 55 Pages: 131-143 DOI: 10.1016/j.poly.2013.02.079 Published: MAY 17 2013

Record 2 of 19

Title: Polyanionic N-donor ligands as chelating agents in transition metal complexes: synthesis, structural characterization and antiviral properties against HIV
 Author(s): Garcia-Gallego, S (Garcia-Gallego, Sandra); Rodriguez, JS (Sanchez Rodriguez, Javier); Jimenez, JL (Luis Jimenez, Jose); Cangiotti, M (Cangiotti, Michela); Ottaviani, MF (Ottaviani, Maria Francesca); Munoz-Fernandez, MA (Angeles Munoz-Fernandez, M.); Gomez, R (Gomez, Rafael); de la Mata, FJ (Javier de la Mata, F.)
 Source: DALTON TRANSACTIONS Volume: 41 Issue: 21 Pages: 6488-6499 DOI: 10.1039/c2dt11793b Published: 2012

Record 3 of 19

Title: A voltammetric study on the speciation and stability constants for iminodisuccinic acid with selected transition metal ions
 Author(s): Polhuis, M (Polhuis, Michael); Katata, LM (Katata, Lebogang M.); Crouch, AM (Crouch, Andrew M.)
 Source: CHEMICAL SPECIATION AND BIOAVAILABILITY Volume: 18 Issue: 3 Pages: 85-93 DOI: 10.3184/095422906782146230 Published: 2006

Record 4 of 19

Title: Layered crystal structure of the trans(O5O6) isomer of potassium (1,3-propanediamine-N,N'-diacetato-N,N'-di-3-propionato) cobaltate(III) trihydrate, trans(O5O6)-K[Co(1,3-pddadp)] center dot 3H(2)O, stabilized by ionic, hydrogen bond and C=O dipolar interactions: Conformational analysis of Co(III) complexes with the 1,3-propanediamine-N,N'-diacetato-N,N'-di-3-propionate ligand
 Author(s): Grubisic, S (Grubisic, S); Niketic, SR (Niketic, SR); Radanovic, DD (Radanovic, DD); Rychlewska, U (Rychlewska, U); Warzajtis, B (Warzajtis, B)
 Source: POLYHEDRON Volume: 24 Issue: 13 Pages: 1701-1709 DOI: 10.1016/j.poly.2005.04.035 Published: SEP 15 2005

Record 5 of 19

Title: Characterization of the two geometrical isomers of (1,3-propanediamine-N,N'-diacetato-N,N'-di-3-propionato)-nickelate(II). X-ray structure of the binuclear complex trans(O-5)-[Ni-2(1,3-pddadp)(H2O)(4)]center dot 4H(2)O and octahedral distortion of edta-type chelates
 Author(s): Matovic, ZD (Matovic, ZD); Ianelli, S (Ianelli, S); Pelosi, G (Pelosi, G); Janicijevic, SK (Janicijevic, SK); Ristanovic, VM (Ristanovic, VM); Ponticelli, G (Ponticelli, G); Radanovic, DJ (Radanovic, DJ)
 Source: POLYHEDRON Volume: 21 Issue: 27-28 Pages: 2667-2674 Article Number: DOI: 10.1016/S0277-5387(02)01271-8 Published: DEC 15 2002

Record 6 of 19

Title: Square-pyramidal copper(II) chelate complexes of edta-type and related ligands forming six-membered rings. Crystal structure of magnesium (ethylenediamine-N,N,N'-tri-3-propionato-N'-3-propionato)copper(II) decahydrate, $\text{Mg}[\text{Cu}(\text{edtp})]\text{center dot } 10\text{H}_2\text{O}$

Author(s): Rychlewska, U (Rychlewska, U); Radanovic, DD (Radanovic, DD); Dimitrijevic, MD (Dimitrijevic, MD); Ristanovic, DM (Ristanovic, DM); Vasojevic, MM (Vasojevic, MM); Radanovic, DJ (Radanovic, DJ)

Source: POLYHEDRON Volume: 20 Issue: 19 Pages: 2523-2530 DOI: 10.1016/S0277-5387(01)00851-8 Published: AUG 30 2001

Record 7 of 19

Title: Synthesis and X-ray structural study of magnesium (1,3-propanediaminetetraacetato)nickelate(II) octahydrate, $\text{Mg}[\text{Ni}(1,3\text{-pdta})]\text{center dot } 8\text{H}_2\text{O}$. Structural parameters and strain analysis of $[\text{M}(1,3\text{-pdta})](\text{n-})$ complexes in relation to their octahedral distortion

Author(s): Radanovic, DJ (Radanovic, DJ); Ama, T (Ama, T); Kawaguchi, H (Kawaguchi, H); Draskovic, NS (Draskovic, NS); Ristanovic, DM (Ristanovic, DM); Janicijevic, S (Janicijevic, S)

Source: BULLETIN OF THE CHEMICAL SOCIETY OF JAPAN Volume: 74 Issue: 4 Pages: 701-706 DOI: 10.1246/bcsj.74.701 Published: APR 2001

Record 8 of 19

Title: Preparation and crystal structure of the trans(O-5) isomer of magnesium(ethylenediamine-N,N,N'-triacetato-N'-3-propionato)cuprate(II) octahydrate, $\text{Mg}[\text{Cu}(\text{ed3ap})]\text{center dot } 8\text{H}_2\text{O}$.

Stereochemistry of octahedral Cu(II)-EDTA-type complexes in relation to the structure of the ligand

Author(s): Radanovic, DJ (Radanovic, DJ); Ama, T (Ama, T); Guresic, DM (Guresic, DM); Ristanovic, DM (Ristanovic, DM); Radanovic, DD (Radanovic, DD); Kawaguchi, H (Kawaguchi, H)

Source: BULLETIN OF THE CHEMICAL SOCIETY OF JAPAN Volume: 73 Issue: 10 Pages: 2283-2288 DOI: 10.1246/bcsj.73.2283 Published: OCT 2000

Record 9 of 19

Title: A semi-empirical molecular orbital study of complex stabilities of hexadentate polyaminocarboxylate ligands and transition metal ion complexes

Author(s): Crouch, AM (Crouch, AM); Polhuis, M (Polhuis, M)

Source: JOURNAL OF MOLECULAR STRUCTURE-THEOCHEM Volume: 530 Issue: 1-2 Pages: 171-176 DOI: 10.1016/S0166-1280(00)00333-X Published: SEP 18 2000

Record 10 of 19

Title: Synthesis and X-ray structural study of magnesium (1,3-propanediaminetetraacetato)cuprate(II) octahydrate, $\text{Mg}[\text{Cu}(1,3\text{-pdta})]\text{center dot } 8\text{H}_2\text{O}$. Stereochemistry of hexadentate copper(II)-edta-type complexes in relation to the structure of the ligand

Author(s): Rychlewska, U (Rychlewska, U); Radanovic, DD (Radanovic, DD); Jevtovic, VS (Jevtovic, VS); Radanovic, DJ (Radanovic, DJ)

Source: POLYHEDRON Volume: 19 Issue: 1 Pages: 1-5 DOI: 10.1016/S0277-5387(99)00316-2 Published: JAN 15 2000

Record 11 of 19

Title: Hexadentate chromium(III) complexes containing unsymmetrical edta-type ligands - Part IV.

Crystal structures of $(-)(589)\text{-trans(O-5)-Na}[\text{Cr}(\text{ed3ap})]\text{center dot } 3\text{H}_2\text{O}$ and $\text{Na}[\text{Cr}(\text{u-eddadp})]\text{center dot } 3\text{H}_2\text{O}$ and CD spectra correlation: structural parameters of $[\text{Cr}(\text{edta-type})](\text{-})$ complexes and their octahedral distortion in relation to the structure of the ligand

Author(s): Radanovic, DJ (Radanovic, DJ); Sakagami, N (Sakagami, N); Ristanovic, VM (Ristanovic, VM); Kaizaki, S (Kaizaki, S)

Source: INORGANICA CHIMICA ACTA Volume: 292 Issue: 1 Pages: 16-27 DOI: 10.1016/S0020-1693(99)00164-4 Published: SEP 2 1999

Record 12 of 19

Title: Preparation and spectral assignments of hexadentate chromium(III) complexes containing unsymmetrical edta-type ligands. Trans-(O-5) geometrical isomer of sodium (ethylenediamine-N,N,N'-triacetato-N'-3-propionato)chromate(III) trihydrate, trans-(O-5)-Na[Cr(ed3ap)]center dot 3H(2)O and sodium (ethylenediamine-N-diacetato-N'-di-3-propionato)chromate(III) trihydrate, Na[Cr(mu-eddadp)]center dot 3H(2)O

Author(s): Radanovic, DJ (Radanovic, DJ); Ristanovic, VM (Ristanovic, VM); Stojceva-Radovanovic, B (Stojceva-Radovanovic, B); Todorovska, AD (Todorovska, AD); Sakagami, N (Sakagami, N); Iino, A (Iino, A); Kaizaki, S (Kaizaki, S)

Source: TRANSITION METAL CHEMISTRY Volume: 24 Issue: 4 Pages: 403-408 DOI: 10.1023/A:1006930006026 Published: AUG 1999

Record 13 of 19

Title: Some hexadentate Ni(II)-edta-type complexes containing five-membered diamine rings. The molecular and crystal structure of the trans(O-5) isomer of barium(ethylenediamine-N,N'-diacetato-N,N'-di-3-propionato)nickelate(II) hexahydrate, trans(O-5)-Ba[Ni(eddadp)]center dot 6H(2)O, and strain analysis of edta-type chelates in relation to their octahedral distortion

Author(s): Radanovic, DJ (Radanovic, DJ); Ianelli, S (Ianelli, S); Pelosi, G (Pelosi, G); Matovic, ZD (Matovic, ZD); Tasic-Stojanovic, S (Tasic-Stojanovic, S); Douglas, BE (Douglas, BE)

Source: INORGANICA CHIMICA ACTA Volume: 278 Issue: 1 Pages: 66-75 DOI: 10.1016/S0020-1693(98)00009-7 Published: AUG 15 1998

Record 14 of 19

Title: Synthesis and characterization of hexadentate cobalt(III) complexes with new edta-type ligands part 5. Structure and absolute configuration of the trans(O-5)(-)(546)-isomer of lithium (ethylenediamine-N,N,N'-triacetato-N'-3-propionato)cobaltate(III) monohydrate, (-)(546)-trans(O-5)-Li[Co(ed3ap)]center dot H2O. Strain analysis of [Co(edta-type)](-) chelates in relation to their octahedral distortion

Author(s): Radanovic, DJ (Radanovic, DJ); Miletic, VD (Miletic, VD); Ama, T (Ama, T); Kawaguchi, H (Kawaguchi, H)

Source: BULLETIN OF THE CHEMICAL SOCIETY OF JAPAN Volume: 71 Issue: 7 Pages: 1605-1614 DOI: 10.1246/bcsj.71.1605 Published: JUL 1998

Record 15 of 19

Title: Crystal and molecular structure of barium (ethylenediaminetetrapropionato)cuprate(II)diperchlorate pentahydrate, Ba-2[Cu(Edtp)](ClO4)(2)center dot 5H2O

Author(s): Burstein, IF (Burstein, IF); Poznyak, AL (Poznyak, AL)

Source: ZHURNAL NEORGANICHESKOI KHIMII Volume: 43 Issue: 7 Pages: 1148-1151 Published: JUL 1998

Record 16 of 19

Title: The favored trans(O-6) geometry in hexadentate copper(II) complexes of 1,3-propanediamine-N,N'-diacetic-N,N'-di-3-propionic acid. Crystal structure of trans(O-6)-Na-2[Cu(1,3-pddadp)]center dot NaNO3 center dot 2H(2)O. Strain analysis and spectral assignments of complexes

Author(s): Radanovic, DJ (Radanovic, DJ); Prelesnik, BV (Prelesnik, BV); Radanovic, DD (Radanovic, DD); Matovic, ZD (Matovic, ZD); Douglas, BE (Douglas, BE)

Source: INORGANICA CHIMICA ACTA Volume: 262 Issue: 2 Pages: 203-211 DOI: 10.1016/S0020-1693(97)05524-2 Published: OCT 1 1997

Record 17 of 19

Title: Recent developments in chromium chemistry

Author(s): House, DA (House, DA)

Source: ADVANCES IN INORGANIC CHEMISTRY, VOL. 44 Book Series: ADVANCES IN INORGANIC CHEMISTRY Volume: 44 Pages: 341-373 Published: 1997

Record 18 of 19

Title: The crystal structure of potassium trans(O-6)-1,3-propanediamine-N,N'-diacetato-N,N'-di-3-propionatocobaltate(III) trihydrate and consideration of ring strain, Ktrans(O-6)-[Co(1,3-pddadp)]center dot 3H(2)O

Author(s): Parvez, M (Parvez, M); Maricondi, C (Maricondi, C); Radanovic, DJ (Radanovic, DJ); Trifunovic, SR (Trifunovic, SR); Miletic, VD (Miletic, VD); Douglas, BE (Douglas, BE)

Source: INORGANICA CHIMICA ACTA Volume: 248 Issue: 1 Pages: 89-92 DOI: 10.1016/0020-1693(95)04975-4 Published: JUL 1 1996

Record 19 of 19

Title: Preparation and molecular structure of the trans(O-6) isomer of dihydrogen (1,3-propanediamine-N,N'-diacetato-N,N'-di-3-propionato)copper(II) complex. The stereochemistry of copper(II)-EDTA-type complexes in relation to the structure of the ligand

Author(s): Prelesnik, BV (Prelesnik, BV); Radanovic, DD (Radanovic, DD); Tomic, ZD (Tomic, ZD); Djurdjevic, P (Djurdjevic, P); Radanovic, DJ (Radanovic, DJ); Veselinovic, DS (Veselinovic, DS)

Source: POLYHEDRON Volume: 15 Issue: 21 Pages: 3761-3770 DOI: 10.1016/0277-5387(96)00115-5 Published: 1996

RADANOVIC DJ, 1991, INORG CHIM ACTA, V186, P13, DOI 10.1016/S0020-1693(00)87924-4

Record 1 of 4

Title: Configurational, LFDFT and NBO analysis of chromium(III) complexes of edta-type ligands

Author(s): Matovic, ZD (Matovic, Zoran D.); Jeremic, MS (Jeremic, Marija S.); Jelic, RM (Jelic, Ratimir M.); Zlatar, M (Zlatar, Matija); Jakovljevic, IZ (Jakovljevic, Ivan Z.)

Source: POLYHEDRON Volume: 55 Pages: 131-143 DOI: 10.1016/j.poly.2013.02.079 Published: MAY 17 2013

Record 2 of 4

Title: Hexadentate chromium(III) complexes containing unsymmetrical edta-type ligands - Part IV.

Crystal structures of (-)(589)-trans(O-5)-Na[Cr(ed3ap)]center dot 3H(2)O and Na[Cr(u-eddadp)]center dot 3H(2)O and CD spectra correlation: structural parameters of [Cr(edta-type)](-) complexes and their octahedral distortion in relation to the structure of the ligand

Author(s): Radanovic, DJ (Radanovic, DJ); Sakagami, N (Sakagami, N); Ristanovic, VM (Ristanovic, VM); Kaizaki, S (Kaizaki, S)

Source: INORGANICA CHIMICA ACTA Volume: 292 Issue: 1 Pages: 16-27 DOI: 10.1016/S0020-1693(99)00164-4 Published: SEP 2 1999

Record 3 of 4

Title: Preparation and spectral assignments of hexadentate chromium(III) complexes containing unsymmetrical edta-type ligands. Trans-(O-5) geometrical isomer of sodium (ethylenediamine-N,N,N'-triacetato-N'-3-propionato)chromate(III) trihydrate, trans-(O-5)-Na[Cr(ed3ap)]center dot 3H(2)O and sodium (ethylenediamine-N-diacetato-N'-di-3-propionato)chromate(III) trihydrate, Na[Cr(mu-eddadp)]center dot 3H(2)O

Author(s): Radanovic, DJ (Radanovic, DJ); Ristanovic, VM (Ristanovic, VM); Stojceva-Radovanovic, B (Stojceva-Radovanovic, B); Todorovska, AD (Todorovska, AD); Sakagami, N (Sakagami, N); Iino, A (Iino, A); Kaizaki, S (Kaizaki, S)

Source: TRANSITION METAL CHEMISTRY Volume: 24 Issue: 4 Pages: 403-408 DOI: 10.1023/A:1006930006026 Published: AUG 1999

Record 4 of 4

Title: The favored trans(O-6) geometry in hexadentate copper(II) complexes of 1,3-propanediamine-N,N'-diacetic-N,N'-di-3-propionic acid. Crystal structure of trans(O-6)-Na-2[Cu(1,3-pddadp)]center dot NaNO3 center dot 2H(2)O. Strain analysis and spectral assignments of complexes

Author(s): Radanovic, DJ (Radanovic, DJ); Prelesnik, BV (Prelesnik, BV); Radanovic, DD (Radanovic, DD); Matovic, ZD (Matovic, ZD); Douglas, BE (Douglas, BE)

Source: INORGANICA CHIMICA ACTA Volume: 262 Issue: 2 Pages: 203-211 DOI: 10.1016/S0020-1693(97)05524-2 Published: OCT 1 1997

DJURAN MI, 1991, INORG CHEM, V30, P2648, DOI 10.1021/ic00012a016

Duran M. I., 1991, INORG CHEM, V30, P2648

DJURAN MI, 1991, INORG CHEM, V30, P2652

DJURAN MI, 1991, INORG CHEM, V30, P2468

Record 1 of 87

Title: Synthetic Methods for the Preparation of Platinum Anticancer Complexes

Author(s): Wilson, JJ (Wilson, Justin J.); Lippard, SJ (Lippard, Stephen J.)

Source: CHEMICAL REVIEWS Volume: 114 Issue: 8 Special Issue: SI Pages: 4470-4495 DOI: 10.1021/cr4004314 Published: APR 23 2014

Record 2 of 87

Title: Mechanistic and Kinetic Investigations on the Interaction of Model Platinum(II) Complex With Ligands of Biological Significance in Reference to the Antitumor Activity

Author(s): Karmakar, P (Karmakar, Parnajyoti); Ray, S (Ray, Sumon); Mandal, A (Mandal, Arup); Mondal, S (Mondal, Subala); Mallick, S (Mallick, Subhasis); Bera, BK (Bera, Biplab K.); Ghosh, AK (Ghosh, Alak K.)

Source: SYNTHESIS AND REACTIVITY IN INORGANIC METAL-ORGANIC AND NANO-METAL CHEMISTRY Volume: 43 Issue: 10 Pages: 1563-1570 DOI: 10.1080/15533174.2013.763272 Published: NOV 26 2013

Record 3 of 87

Title: Comparison of N-acetylmethionine reactivity between oxaliplatin and an oxaliplatin derivative with chiral (S,S) amine nitrogen atoms

Author(s): Williams, KM (Williams, Kevin M.); Poynter, AD (Poynter, Amy D.); Hendrie, JD (Hendrie, Jonathan D.); Jackson, DC (Jackson, Daniel C.); Martin, VK (Martin, Virginia K.)

Source: INORGANICA CHIMICA ACTA Volume: 401 Pages: 64-69 DOI: 10.1016/j.ica.2013.03.008 Published: MAY 24 2013

Record 4 of 87

Title: Platinum-nucleobase PtN4 complexes as chemotypes for selective peptide reactions with biomolecules

Author(s): de Paula, QA (de Paula, Queite A.); Tsotsoros, SD (Tsotsoros, Samantha D.); Qu, Y (Qu, Yun); Bayse, CA (Bayse, Craig A.); Farrell, NP (Farrell, Nicholas P.)

Source: INORGANICA CHIMICA ACTA Volume: 393 Pages: 222-229 DOI: 10.1016/j.ica.2012.07.014 Published: DEC 1 2012

Record 5 of 87

Title: Effects of amine ligand bulk and hydrogen bonding on the rate of reaction of platinum(II) diamine complexes with key nucleotide and amino acid residues

Author(s): Sandlin, RD (Sandlin, Rebecca D.); Whelan, CJ (Whelan, Celia J.); Bradley, MS (Bradley, M. Samuel); Williams, KM (Williams, Kevin M.)

Source: INORGANICA CHIMICA ACTA Volume: 391 Pages: 135-140 DOI: 10.1016/j.ica.2012.05.008 Published: AUG 30 2012

Record 6 of 87

Title: A detailed quantum chemical study of the interactions of [Pt(dien)Cl](+) with a series of S-donor ligands: A computational approach

Author(s): Banerjee, S (Banerjee, Snehasis); Mukherjee, AK (Mukherjee, Asok K.)

Source: COMPUTATIONAL AND THEORETICAL CHEMISTRY Volume: 991 Pages: 116-123 DOI: 10.1016/j.comptc.2012.04.006 Published: JUL 1 2012

Record 7 of 87

Title: Mechanistic studies on the reactions of platinum(II) complexes with nitrogen- and sulfur-donor biomolecules

Author(s): Bugarcic, ZD (Bugarcic, Zivadin D.); Bogojeski, J (Bogojeski, Jovana); Petrovic, B (Petrovic, Biljana); Hochreuther, S (Hochreuther, Stephanie); van Eldik, R (van Eldik, Rudi)

Source: DALTON TRANSACTIONS Volume: 41 Issue: 40 Pages: 12329-12345 DOI: 10.1039/c2dt31045g Published: 2012

Record 8 of 87

Title: Interactions of a Platinum-Modified Perylene Derivative with the Human Telomeric G-Quadruplex

Author(s): Rao, L (Rao, Lu); Dworkin, JD (Dworkin, Joshua D.); Nell, WE (Nell, William E.); Bierbach, U (Bierbach, Ulrich)

Source: JOURNAL OF PHYSICAL CHEMISTRY B Volume: 115 Issue: 46 Pages: 13701-13712 DOI: 10.1021/jp207265s Published: NOV 24 2011

Record 9 of 87

Title: Equilibrium studies on complex formation reactions of dichlorido[(R,R)-trans-1,2-diaminocyclohexane]platinum(II) complex with ligands of biological significance

Author(s): Jelic, R (Jelic, Ratimir); Markovic, S (Markovic, Smiljana); Petrovic, B (Petrovic, Biljana)

Source: MONATSHFTE FUR CHEMIE Volume: 142 Issue: 10 Pages: 985-992 DOI: 10.1007/s00706-011-0553-z Published: OCT 2011

Record 10 of 87

Title: Reaction of platinum(II) diamine and triamine complexes with selenomethionine

Author(s): Williams, KM (Williams, Kevin M.); Dudgeon, RP (Dudgeon, Rebekkah P.); Chmely, SC (Chmely, Stephen C.); Robey, SR (Robey, Stephanie R.)

Source: INORGANICA CHIMICA ACTA Volume: 368 Issue: 1 Pages: 187-193 DOI: 10.1016/j.ica.2011.01.002 Published: MAR 15 2011

Record 11 of 87

Title: Exploring water-soluble Pt(II) complexes of diethylenetriamine derivatives functionalized at the central nitrogen. Synthesis, characterization, and reaction with 5'-GMP

Author(s): Ndinguri, MW (Ndinguri, Margaret W.); Fronczek, FR (Fronczek, Frank R.); Marzilli, PA (Marzilli, Patricia A.); Crowe, WE (Crowe, William E.); Hammer, RP (Hammer, Robert P.); Marzilli, LG (Marzilli, Luigi G.)

Source: INORGANICA CHIMICA ACTA Volume: 363 Issue: 8 Pages: 1796-1804 DOI: 10.1016/j.ica.2010.02.027 Published: MAY 5 2010

Record 12 of 87

Title: Bifunctional mesoporous organic-inorganic hybrid silica for combined one-step hydrogenation/esterification

Author(s): Tang, Y (Tang, Yang); Miao, SJ (Miao, Shaojun); Shanks, BH (Shanks, Brent H.); Zheng, XM (Zheng, Xiaoming)

Source: APPLIED CATALYSIS A-GENERAL Volume: 375 Issue: 2 Pages: 310-317 DOI: 10.1016/j.apcata.2010.01.015 Published: MAR 1 2010

Record 13 of 87

Title: A bulky platinum triamine complex that reacts faster with guanosine 5'-monophosphate than with N-acetylmethionine

Author(s): Sandlin, RD (Sandlin, Rebecca D.); Starling, MP (Starling, Michael P.); Williams, KM (Williams, Kevin M.)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 104 Issue: 2 Pages: 214-216 DOI: 10.1016/j.jinorgbio.2009.10.013 Published: FEB 2010

Record 14 of 87

Title: Coordination of platinum therapeutic agents to met-rich motifs of human copper transport protein1

Author(s): Crider, SE (Crider, Sarah E.); Holbrook, RJ (Holbrook, Robert J.); Franz, KJ (Franz, Katherine J.)

Source: METALLOMICS Volume: 2 Issue: 1 Pages: 74-83 DOI: 10.1039/b916899k Published: 2010

Record 15 of 87

Title: Reaction of human metallothionein-3 with cisplatin and transplatin

Author(s): Karotki, AV (Karotki, Andrei V.); Vasak, M (Vasak, Milan)

Source: JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY Volume: 14 Issue: 7 Pages: 1129-1138 DOI: 10.1007/s00775-009-0557-x Published: SEP 2009

Record 16 of 87

Title: An Experimental and Theoretical Investigation into the Hydrolysis of Dichloro(Ethylenediamine)Platinum(II) Via Electrospray Mass Spectrometry and Density Functional Theory

Author(s): Yoshikawa, A (Yoshikawa, Akihiko); Bach, SBH (Bach, Stephan B. H.); Merrill, GN (Merrill, Grant N.)

Source: JOURNAL OF THE AMERICAN SOCIETY FOR MASS SPECTROMETRY Volume: 20 Issue: 6 Pages: 1015-1029 DOI: 10.1016/j.jasms.2008.11.027 Published: JUN 2009

Record 17 of 87

Title: Towards Antitumor Active trans-Platinum Compounds

Author(s): Aris, SM (Aris, Sheena M.); Farrell, NP (Farrell, Nicholas P.)

Source: EUROPEAN JOURNAL OF INORGANIC CHEMISTRY Issue: 10 Pages: 1293-1302 DOI: 10.1002/ejic.200801118 Published: APR 2009

Record 18 of 87

Title: Molecular origin of the sequence-dependent kinetics of reactions between cisplatin derivatives and DNA

Author(s): Kozelka, J (Kozelka, Jiri)

Source: INORGANICA CHIMICA ACTA Volume: 362 Issue: 3 Pages: 651-668 DOI: 10.1016/j.ica.2008.04.024 Published: FEB 20 2009

Record 19 of 87

Title: Metallothioneins and Platinum(II) Anti-Tumor Compounds

Author(s): Knipp, M (Knipp, Markus)

Source: CURRENT MEDICINAL CHEMISTRY Volume: 16 Issue: 5 Pages: 522-537 Published: FEB 2009

Record 20 of 87

Title: Facile Dissociation of [(LNiI)(2)E-2] Dichalcogenides: Evidence for [(LNiE2)-E-II] Superselenides and Supertellurides in Solution

Author(s): Yao, SL (Yao, Shenglai); Xiong, Y (Xiong, Yun); Zhang, XH (Zhang, Xinhao); Schlangen, M (Schlangen, Maria); Schwarz, H (Schwarz, Helmut); Milsman, C (Milsman, Carsten); Driess, M (Driess, Matthias)

Source: ANGEWANDTE CHEMIE-INTERNATIONAL EDITION Volume: 48 Issue: 25 Pages: 4551-4554 DOI: 10.1002/anie.200901132 Published: 2009

Record 21 of 87

Title: Interaction of metallothionein-2 with platinum-modified 5'-guanosine monophosphate and DNA

Author(s): Karotki, AV (Karotki, Andrei V.); Vasak, M (Vasak, Milan)

Source: BIOCHEMISTRY Volume: 47 Issue: 41 Pages: 10961-10969 DOI: 10.1021/bi801253x Published: OCT 14 2008

Record 22 of 87

Title: Thiolate bridging and metal exchange in adducts of a zinc finger model and Pt-II complexes: Biomimetic studies of protein/Pt/DNA interactions

Author(s): Almaraz, E (Almaraz, Elky); de Paula, QA (de Paula, Queite A.); Liu, Q (Liu, Qin); Reibenspies, JH (Reibenspies, Joseph H.); Darensbourg, MY (Darensbourg, Marcetta Y.); Farrell, NP (Farrell, Nicholas P.)

Source: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY Volume: 130 Issue: 19 Pages: 6272-6280 DOI: 10.1021/ja711254q Published: MAY 14 2008

Record 23 of 87

Title: Characterisation of cisplatin coordination sites in cellular Escherichia coli DNA-binding proteins by combined biphasic liquid chromatography and ESI tandem mass spectrometry

Author(s): Will, J (Will, Joanna); Sheldrick, WS (Sheldrick, William S.); Wolters, D (Wolters, Dirk)

Source: JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY Volume: 13 Issue: 3 Pages: 421-434 DOI: 10.1007/s00775-007-0333-8 Published: MAR 2008

Record 24 of 87

Title: Reaction of Zn(7)Metallothionein with cis- and trans-[Pt(N-donor)(2)Cl(2)] anticancer complexes: trans-Pt(II) complexes retain their N-donor ligands

Author(s): Knipp, M (Knipp, Markus); Karotki, AV (Karotki, Andrei V.); Chesnov, S (Chesnov, Serge); Natile, G (Natile, Giovanni); Sadler, PJ (Sadler, Peter J.); Brabec, V (Brabec, Viktor); Vasak, M (Vasak, Milan)

Source: JOURNAL OF MEDICINAL CHEMISTRY Volume: 50 Issue: 17 Pages: 4075-4086 DOI: 10.1021/jm0702711 Published: AUG 23 2007

Record 25 of 87

Title: Studies of interactions between platinum(II) complexes and some biologically relevant molecules

Author(s): Petrovic, D (Petrovic, Dejan); Stojimirovic, B (Stojimirovic, Biljana); Petrovic, B (Petrovic, Biljana); Bugarcic, ZM (Bugarcic, Zorica M.); Bugarcic, ZD (Bugarcic, Zivadin D.)

Source: BIOORGANIC & MEDICINAL CHEMISTRY Volume: 15 Issue: 12 Pages: 4203-4211 DOI: 10.1016/j.bmc.2007.03.059 Published: JUN 15 2007

Record 26 of 87

Title: fac-[Re(CO)(3)(H2O)(3)](+) nucleoside monophosphate adducts investigated in aqueous solution by multinuclear NMR spectroscopy

Author(s): Adams, KM (Adams, Kristie M.); Marzilli, LG (Marzilli, Luigi G.)

Source: INORGANIC CHEMISTRY Volume: 46 Issue: 12 Pages: 4926-4936 DOI: 10.1021/ic062410f Published: JUN 11 2007

Record 27 of 87

Title: Complexes of dichloro(ethylenediamine)palladium(II) observed from aqueous solutions by electrospray mass spectrometry

Author(s): Bach, SBH (Bach, Stephan B. H.); Green, CE (Green, Cassandra E.); Nagore, LI (Nagore, Linda I.); Sepeda, TG (Sepeda, Tiffanee G.); Merrill, GN (Merrill, Grant N.)

Source: JOURNAL OF THE AMERICAN SOCIETY FOR MASS SPECTROMETRY Volume: 18 Issue: 4 Pages: 769-777 DOI: 10.1016/j.jasms.2006.12.013 Published: APR 2007

Record 28 of 87

Title: Synthesis, characterization and kinetics of metal complexes containing dithiocarbamate and polypyridine

Author(s): Rafat, F (Rafat, F.); Siddqi, KS (Siddqi, K. S.); Siddiqi, MY (Siddiqi, M. Y.)

Source: POLISH JOURNAL OF CHEMISTRY Volume: 81 Issue: 3 Pages: 313-326 Published: MAR 2007

Record 29 of 87

Title: NMR Spectroscopy of Anticancer Platinum Drugs

Author(s): Vinje, J (Vinje, Jo); Sletten, E (Sletten, Einar)

Source: ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY Volume: 7 Issue: 1 Pages: 35-54 DOI: 10.2174/187152007779313982 Published: JAN 2007

Record 30 of 87

Title: Structural and mechanistic aspects of platinum anticancer agents

Author(s): Ahmad, S (Ahmad, Saeed); Isab, AA (Isab, Anvarhusein A.); Ali, S (Ali, Saqib)

Source: TRANSITION METAL CHEMISTRY Volume: 31 Issue: 8 Pages: 1003-1016 DOI: 10.1007/s11243-006-0100-7 Published: NOV 2006

Record 31 of 87

Title: The neglected Pt-N(sulfonamido) bond in Pt chemistry. New fluorophore-containing Pt(II) complexes useful for assessing Pt(II) interactions with biomolecules

Author(s): Christoforou, AM (Christoforou, Anna Maria); Marzilli, PA (Marzilli, Patricia A.); Marzilli, LG (Marzilli, Luigi G.)

Source: INORGANIC CHEMISTRY Volume: 45 Issue: 17 Pages: 6771-6781 DOI: 10.1021/ic0606375 Published: AUG 21 2006

Record 32 of 87

Title: Insights into the mechanism of action of platinum anticancer drugs from multinuclear NMR spectroscopy

Author(s): Berners-Price, SJ (Berners-Price, Susan J.); Ronconi, L (Ronconi, Luca); Sadler, PJ (Sadler, Peter J.)

Source: PROGRESS IN NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY Volume: 49 Issue: 1 Pages: 65-98 DOI: 10.1016/j.pnmrs.2006.05.002 Published: AUG 15 2006

Record 33 of 87

Title: Donor atom preferences in substitution reactions of trans-platinum mononucleobase compounds: Implications for DNA-protein selectivity

Author(s): Anzellotti, A (Anzellotti, A); Stefan, S (Stefan, S); Gibson, D (Gibson, D); Farrell, N (Farrell, N)

Source: INORGANICA CHIMICA ACTA Volume: 359 Issue: 9 Pages: 3014-3019 DOI: 10.1016/j.ica.2005.12.060 Published: JUN 1 2006

Record 34 of 87

Title: Guanine binding of a cytotoxic platinum-acridin-9-ylthiourea conjugate monitored by 1-D H-1 and 2-D [H-1,N-15] NMR spectroscopy: Hydrolysis is not the rate-determining step

Author(s): Guddneppanavar, R (Guddneppanavar, R); Wright, MW (Wright, MW); Tomsey, AK (Tomsey, AK); Bierbach, U (Bierbach, U)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 100 Issue: 5-6 Pages: 972-979 DOI: 10.1016/j.jinorgbio.2005.12.021 Published: MAY 2006

Conference Title: 12th International Conference on Biological Inorganic Chemistry

Conference Date: JUL 31-AUG 05, 2005

Conference Location: Ann Arbor, MI

Record 35 of 87

Title: Cisplatin interaction with cysteine and methionine, a theoretical DFT study

Author(s): Zimmermann, T (Zimmermann, T); Zeizinger, M (Zeizinger, M); Burda, JV (Burda, JV)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 99 Issue: 11 Pages: 2184-2196 DOI: 10.1016/j.jinorgbio.2005.07.021 Published: NOV 2005

Record 36 of 87

Title: Complexes of dibromo(ethylenediamine)palladium(II) observed from aqueous solutions by electrospray mass spectrometry

Author(s): Bach, SBH (Bach, SBH); Sepeda, TG (Sepeda, TG); Merrill, GN (Merrill, GN); Walmsley, JA (Walmsley, JA)

Source: JOURNAL OF THE AMERICAN SOCIETY FOR MASS SPECTROMETRY Volume: 16 Issue: 9 Pages: 1461-1469 DOI: 10.1016/j.jasms.2005.04.011 Published: SEP 2005

Record 37 of 87

Title: Effects of geometric isomerism in dinuclear antitumor platinum complexes on their interactions with N-acetyl-L-methionine

Author(s): Oehlsen, ME (Oehlsen, ME); Hegmans, A (Hegmans, A); Qu, Y (Qu, Y); Farrell, N (Farrell, N)

Source: JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY Volume: 10 Issue: 5 Pages: 433-442 DOI: 10.1007/s00775-005-0009-1 Published: AUG 2005

Record 38 of 87

Title: Hydration process as an activation of trans- and cisplatin complexes in anticancer treatment. DFT and ab initio computational study of thermodynamic and kinetic parameters

Author(s): Burda, JV (Burda, JV); Zeizinger, M (Zeizinger, M); Leszczynski, J (Leszczynski, J)

Source: JOURNAL OF COMPUTATIONAL CHEMISTRY Volume: 26 Issue: 9 Pages: 907-914 DOI: 10.1002/jcc.20228 Published: JUL 15 2005

Record 39 of 87

Title: Study of the reactions between platinum(II) complexes and L-methionine in the presence and absence of 5'-GMP

Author(s): Soldatovic, T (Soldatovic, T); Bugarcic, ZD (Bugarcic, ZD)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 99 Issue: 7 Pages: 1472-1479 DOI: 10.1016/j.jinorgbio.2005.04.005 Published: JUL 2005

Record 40 of 87

Title: Reactivity of chloro(N-methyliminodiacetato)palladium(II) and chloro(pyridyl-2,6-dicarboxylato)palladium(II) complexes with purine based 5-nucleotides and glutathione: antitumor activity of platinum(II)-analogs

Author(s): Chatterjee, D (Chatterjee, D); Mitra, A (Mitra, A); Sengupta, A (Sengupta, A); Basak, S (Basak, S)

Source: INORGANICA CHIMICA ACTA Volume: 358 Issue: 10 Pages: 2900-2908 DOI: 10.1016/j.ica.2004.09.016 Published: JUN 15 2005

Record 41 of 87

Title: A surprisingly stable macrochelate formed from the reaction of cis dinuclear platinum antitumor compounds with reduced glutathione

Author(s): Oehlsen, ME (Oehlsen, ME); Hegmans, A (Hegmans, A); Qu, Y (Qu, Y); Farrell, N (Farrell, N)

Source: INORGANIC CHEMISTRY Volume: 44 Issue: 9 Pages: 3004-3006 DOI: 10.1021/ic0501972 Published: MAY 2 2005

Record 42 of 87

Title: Platinum(II) triammine antitumour complexes: structure-activity relationship with guanosine 5'-monophosphate (5'-GMP)

Author(s): Jin, VX (Jin, VX); Tan, SI (Tan, SI); Ranford, JD (Ranford, JD)

Source: INORGANICA CHIMICA ACTA Volume: 358 Issue: 3 Pages: 677-686 DOI: 10.1016/j.ica.2004.09.024 Published: FEB 15 2005

Record 43 of 87

Title: Complexation behaviour of glutathione with metal ions

Author(s): Singh, BK (Singh, BK)

Source: ASIAN JOURNAL OF CHEMISTRY Volume: 17 Issue: 1 Pages: 1-32 Published: JAN-MAR 2005

Record 44 of 87

Title: Usual and unusual reactions of platinum complexes

Author(s): Acharya, AN (Acharya, AN); Dash, AC (Dash, AC)

Source: JOURNAL OF THE INDIAN CHEMICAL SOCIETY Volume: 81 Issue: 12 Pages: 1141-1148 Published: DEC 2004

Record 45 of 87

Title: Reaction of polynuclear platinum antitumor compounds with reduced glutathione studied by multinuclear (H-1, H-1-N-15 gradient heteronuclear single-quantum coherence, and Pt-195) NMR spectroscopy

Author(s): Oehlsen, ME (Oehlsen, ME); Qu, Y (Qu, Y); Farrell, N (Farrell, N)

Source: INORGANIC CHEMISTRY Volume: 42 Issue: 18 Pages: 5498-5506 DOI: 10.1021/ic030045b Published: SEP 8 2003

Record 46 of 87

Title: Synthesis, structure, and properties of the first disulfur and diselenium complexes of platinum

Author(s): Nagata, K (Nagata, K); Takeda, N (Takeda, N); Tokitoh, N (Tokitoh, N)

Source: BULLETIN OF THE CHEMICAL SOCIETY OF JAPAN Volume: 76 Issue: 8 Pages: 1577-1587 DOI: 10.1246/bcsj.76.1577 Published: AUG 2003

Record 47 of 87

Title: Platinum(II)-based coordination compounds as nucleic acid labeling reagents: Synthesis, reactivity, and applications in hybridization assays

Author(s): Heetebrij, RJ (Heetebrij, RJ); Talman, EG (Talman, EG); Von Velzen, MA (Von Velzen, MA); Von Gijlswijk, RPM (Von Gijlswijk, RPM); Snoeijers, SS (Snoeijers, SS); Schalk, M (Schalk, M); Wiegant, J (Wiegant, J); Von der Rijke, F (Von der Rijke, F); Kerkhoven, RM (Kerkhoven, RM); Raap, AK (Raap, AK); Tanke, HJ (Tanke, HJ); Reedijk, J (Reedijk, J); Houthoff, HJ (Houthoff, HJ)

Source: CHEMBIOCHEM Volume: 4 Issue: 7 Pages: 573-583 DOI: 10.1002/cbic.200200498

Published: JUL 7 2003

Record 48 of 87

Title: Spectral studies on copper(II) complexes of biologically active glutathione

Author(s): Kumar, DN (Kumar, DN); Singh, BK (Singh, BK); Garg, BS (Garg, BS); Singh, PK (Singh, PK)

Source: SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR

SPECTROSCOPY Volume: 59 Issue: 7 Pages: 1487-1496 DOI: 10.1016/S1386-1425(02)00303-7

Published: MAY 2003

Record 49 of 87

Title: Sequence-selective metalation of double-helical oligodeoxyribonucleotides with Pt-II, Mn-II, and Zn-II ions

Author(s): Vinje, J (Vinje, J); Parkinson, JA (Parkinson, JA); Sadler, PJ (Sadler, PJ); Brown, T (Brown, T); Sletten, E (Sletten, E)

Source: CHEMISTRY-A EUROPEAN JOURNAL Volume: 9 Issue: 7 Pages: 1620-1630 DOI: 10.1002/chem.200390186 Published: APR 4 2003

Record 50 of 87

Title: Glutathione induces cellular resistance against cationic dinuclear platinum anticancer drugs

Author(s): Jansen, BAJ (Jansen, BAJ); Brouwer, J (Brouwer, J); Reedijk, J (Reedijk, J)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 89 Issue: 3-4 Pages: 197-202

Article Number: DOI: 10.1016/S0162-0134(02)00381-1 Published: APR 28 2002

Record 51 of 87

Title: Substitution reactions of [Pt(dien)Cl](+), [Pt(dien)(GSMe)](2+), cis-[PtCl₂(NH₃)₂] and cis-[Pt(NH₃)₂(GSMe)₂](2+) (GSMe = S-methylglutathione) with some sulfur-bonding chemoprotective agents

Author(s): Lemma, K (Lemma, K); Elmroth, SKC (Elmroth, SKC); Elding, LI (Elding, LI)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 7 Pages: 1281-1286 DOI: 10.1039/b110138m Published: APR 7 2002

Record 52 of 87

Title: The first disulfur and diselenium complexes of platinum: Syntheses and crystal structures

Author(s): Nagata, K (Nagata, K); Takeda, N (Takeda, N); Tokitoh, N (Tokitoh, N)

Source: ANGEWANDTE CHEMIE-INTERNATIONAL EDITION Volume: 41 Issue: 1 Pages: 136-138 DOI: 10.1002/1521-3773(20020104)41:1<136::AID-ANIE136>3.0.CO;2-F Published: 2002

Record 53 of 87

Title: Kinetic study of the reaction between an antitumor N-15 labeled trans-platinum iminoether complex and GMP by [H-1, N-15] HMQC NMR

Author(s): Liu, YZ (Liu, YZ); Intini, FP (Intini, FP); Natile, G (Natile, G); Sletten, E (Sletten, E)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 18 Pages: 3489-3495 DOI: 10.1039/b203572n Published: 2002

Record 54 of 87

Title: Synthesis, two-dimensional (HNMR)-H-1 spectrum, and DNA binding studies of 2,2'-bipyridine-2-pyridinecarboxylato-platinum (II) nitrate

Author(s): Mansuri-Torshizi, H (Mansuri-Torshizi, H); Shad, MHA (Shad, MHA); Srivastava, TS (Srivastava, TS)

Source: IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY Volume: 25 Issue: A1 Pages: 153-156 Published: 2001

Record 55 of 87

Title: Kinetics and mechanism of complex formation between [PtCl(DIEN)](+) and thiols and thioethers

Author(s): Petrovic, BV (Petrovic, BV); Bugarcic, ZD (Bugarcic, ZD)

Source: JOURNAL OF COORDINATION CHEMISTRY Volume: 53 Issue: 1 Pages: 35-45 DOI: 10.1080/00958970108022599 Published: 2001

Record 56 of 87

Title: Hydrolysis of [Pt(dien)H₂O](2+) and [Pd(dien)H₂O](2+) complexes in water

Author(s): Bugarcic, ZD (Bugarcic, ZD); Petrovic, BV (Petrovic, BV); Jelic, R (Jelic, R)

Source: TRANSITION METAL CHEMISTRY Volume: 26 Issue: 6 Pages: 668-671 DOI: 10.1023/A:1012064512961 Published: 2001

Record 57 of 87

Title: Substitution of inosine and guanosine 5'-monophosphate for chloride, and water on Pd-II(polyaminopolycarboxylate) complexes: mechanistic controls in forming Pd-II(pac)L or Pd-II(pac)L-2 products

Author(s): Stringfield, TW (Stringfield, TW); Shepherd, RE (Shepherd, RE)

Source: INORGANICA CHIMICA ACTA Volume: 309 Issue: 1-2 Pages: 28-44 DOI: 10.1016/S0020-1693(00)00238-3 Published: NOV 20 2000

Record 58 of 87

Title: Reactions of some platinum(II) complexes - hydrolysis, ring opening and substitution

Author(s): Ray, M (Ray, M); Banerjee, P (Banerjee, P)

Source: JOURNAL OF THE INDIAN CHEMICAL SOCIETY Volume: 77 Issue: 11-12 Pages: 511-515 Published: NOV-DEC 2000

Record 59 of 87

Title: Modulation of the chemical and biological properties of trans platinum complexes: monofunctional platinum complexes containing one nucleobase as potential antiviral chemotypes

Author(s): Sartori, DA (Sartori, DA); Miller, B (Miller, B); Bierbach, U (Bierbach, U); Farrell, N (Farrell, N)

Source: JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY Volume: 5 Issue: 5 Pages: 575-583 DOI: 10.1007/s007750000113 Published: OCT 2000

Record 60 of 87

Title: Kinetics and mechanism for reduction of anticancer-active tetrachloroam(m)ine platinum(IV) compounds by glutathione

Author(s): Lemma, K (Lemma, K); Berglund, J (Berglund, J); Farrell, N (Farrell, N); Elding, LI (Elding, LI)

Source: JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY Volume: 5 Issue: 3 Pages: 300-306 DOI: 10.1007/PL00010658 Published: JUN 2000

Record 61 of 87

Title: Glutathione readily replaces the thioether on platinum in the reaction with [Pt(dien)(GSMe)](2+) (GSMe = S-methylated glutathione); a model study for cisplatin-protein interactions

Author(s): Teuben, JM (Teuben, JM); Zubiri, MRI (Zubiri, MRI); Reedijk, J (Reedijk, J)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 3 Pages: 369-372 DOI: 10.1039/a908135f Published: 2000

Record 62 of 87

Title: Crystal and molecular structure of a potential DNA groove-spanning chelate: [MV][Pt-2(hdta)Cl-2]center dot 4H(2)O (MV2+=1,1 '-dimethyl-4,4 '-bipyridinium, hdta(4-)=1,6-hexanediamine-N,N,N',N'-tetraacetate)

Author(s): Kortes, RA (Kortes, RA); Geib, SJ (Geib, SJ); Lin, FT (Lin, FT); Shepherd, RE (Shepherd, RE)

Source: INORGANIC CHEMISTRY Volume: 38 Issue: 22 Pages: 5045-5052 DOI: 10.1021/ic990123o Published: NOV 1 1999

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Title: Alterations in the binding of [Cl(NH3)(5)Ru-III to DNA by glutathione: Reduction, autoxidation, coordination, and decomposition

Author(s): Frasca, DR (Frasca, DR); Clarke, MJ (Clarke, MJ)

Source: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY Volume: 121 Issue: 37 Pages: 8523-8532 DOI: 10.1021/ja991113p Published: SEP 22 1999

Record 64 of 87

Title: Chiral phosphine ligands derived from sugars. 16. Design and synthesis of platinum anticancer compounds with carbohydrate ligand

Author(s): Shi, JC (Shi, JC); Yueng, CH (Yueng, CH); Wu, DX (Wu, DX); Liu, QT (Liu, QT); Kang, BS (Kang, BS)

Source: ORGANOMETALLICS Volume: 18 Issue: 19 Pages: 3796-3801 DOI: 10.1021/om990068r Published: SEP 13 1999

Record 65 of 87

Title: Non-platinum chemotherapeutic metallopharmaceuticals

Author(s): Clarke, MJ (Clarke, MJ); Zhu, FC (Zhu, FC); Frasca, DR (Frasca, DR)

Source: CHEMICAL REVIEWS Volume: 99 Issue: 9 Pages: 2511-2533 DOI: 10.1021/cr9804238 Published: SEP 1999

Record 66 of 87

Title: Kinetic aspects of interactions between DNA and platinum complexes

Author(s): Kozelka, J (Kozelka, J); Legendre, F (Legendre, F); Reeder, F (Reeder, F); Chottard, JC (Chottard, JC)

Source: COORDINATION CHEMISTRY REVIEWS Volume: 192 Pages: 61-82 Published: SEP 1999

Conference Title: XXXIII International Conference on Coordination Chemistry

Conference Date: AUG 30-SEP 04, 1998

Conference Location: FLORENCE, ITALY

Record 67 of 87

Title: Platinum-thioether bonds can be reverted by guanine-N7 bonds in Pt(dien)(2+) model adducts

Author(s): van Boom, SSGE (van Boom, SSGE); Chen, BW (Chen, BW); Teuben, JM (Teuben, JM); Reedijk, J (Reedijk, J)

Source: INORGANIC CHEMISTRY Volume: 38 Issue: 7 Pages: 1450-1455 DOI: 10.1021/ic981086o Published: APR 5 1999

Record 68 of 87

Title: Interaction of palladium(II) complexes with sulfur-containing peptides studied by electrospray mass spectrometry

Author(s): Luo, XM (Luo, XM); Huang, W (Huang, W); Mei, YH (Mei, YH); Zhou, SZ (Zhou, SZ); Zhu, LG (Zhu, LG)

Source: INORGANIC CHEMISTRY Volume: 38 Issue: 7 Pages: 1474-1480 DOI: 10.1021/ic9805473 Published: APR 5 1999

Record 69 of 87

Title: The reaction of sulphur and nitrogen nucleophiles with [Pt(dien)Cl](+)

Author(s): Hay, RW (Hay, RW); Porter, DS (Porter, DS)

Source: TRANSITION METAL CHEMISTRY Volume: 24 Issue: 2 Pages: 186-188 DOI: 10.1023/A:1006975720999 Published: APR 1999

Record 70 of 87

Title: The {Pt₂S₂} core - a butterfly that stings

Author(s): Fong, SWA (Fong, SWA); Hor, TSA (Hor, TSA)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 5 Pages: 639-651 Published: MAR 7 1999

Record 71 of 87

Title: Kinetics of formation and stability of {Pt(dien)}(2+) complexes with octamer and 14-mer DNA oligonucleotides containing a GG sequence

Author(s): Murdoch, PD (Murdoch, PD); Guo, ZJ (Guo, ZJ); Parkinson, JA (Parkinson, JA); Sadler, PJ (Sadler, PJ)

Source: JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY Volume: 4 Issue: 1 Pages: 32-38 Published: FEB 1999

Record 72 of 87

Title: Platinum assisted cyclization of S-methyl 3-acyl-2-methyldithiocarbazates under mild conditions. Crystal structure of [Pt-2(mu-SMe)(terpy)(2)][ClO₄](3)

Author(s): Annibale, G (Annibale, G); Bergamini, P (Bergamini, P); Bertolasi, V (Bertolasi, V); Cattabriga, M (Cattabriga, M); Lazzaro, A (Lazzaro, A); Marchi, A (Marchi, A); Vertuani, G (Vertuani, G)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 21 Pages: 3877-3882 DOI: 10.1039/a904859f Published: 1999

Record 73 of 87

Title: Structural and reactivity studies on the ternary system guanine/methionine/trans-[PtCl₂(NH₃)L] (L = NH₃, quinoline): implications for the mechanism of action of nonclassical trans-platinum antitumor complexes

Author(s): Bierbach, U (Bierbach, U); Farrell, N (Farrell, N)

Source: JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY Volume: 3 Issue: 6 Pages: 570-580 DOI: 10.1007/s007750050270 Published: DEC 1998

Record 74 of 87

Title: Kinetic control of reactions of a sterically hindered platinum picoline anticancer complex with guanosine 5'-monophosphate and glutathione

Author(s): Chen, Y (Chen, Y); Guo, ZJ (Guo, ZJ); Parkinson, JA (Parkinson, JA); Sadler, PJ (Sadler, PJ)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 21 Pages: 3577-3585 DOI: 10.1039/a806544f Published: NOV 7 1998

Record 75 of 87

Title: Reversible hydrolysis of [PtCl(dien)](+) and [PtCl(NH₃)(3)](+). Determination of the rate constants using UV spectrophotometry

Author(s): Marti, N (Marti, N); Hoa, GHB (Hoa, GHB); Kozelka, J (Kozelka, J)

Source: INORGANIC CHEMISTRY COMMUNICATIONS Volume: 1 Issue: 11 Pages: 439-442 DOI: 10.1016/S1387-7003(98)00117-8 Published: NOV 1998

Record 76 of 87

Title: Structural and kinetic studies on the formation of platinum(II) and palladium(II) complexes with L-cysteine-derived ligands

Author(s): Rau, T (Rau, T); Alsfasser, R (Alsfasser, R); Zahl, A (Zahl, A); van Eldik, R (van Eldik, R)

Source: INORGANIC CHEMISTRY Volume: 37 Issue: 17 Pages: 4223-4230 DOI: 10.1021/ic9711574 Published: AUG 24 1998

Record 77 of 87

Title: Cleavage of the Pt-S bond of thiolated terpyridine-platinum(II) complexes by copper(II) and zinc(II) ions in phosphate buffer

Author(s): Cheng, CC (Cheng, CC); Lu, YL (Lu, YL)

Source: CHEMICAL COMMUNICATIONS Issue: 2 Pages: 253-254 DOI: 10.1039/a708152i Published: JAN 21 1998

Record 78 of 87

Title: [H-1,N-15] nuclear magnetic resonance studies of [Pt(dien)Cl](+) (dien=diethylenetriamine): Hydrolysis and reactions with nucleotides

Author(s): Guo, ZJ (Guo, ZJ); Chen, Y (Chen, Y); Zang, E (Zang, E); Sadler, PJ (Sadler, PJ)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 21 Pages: 4107-4111 DOI: 10.1039/a704585i Published: NOV 7 1997

Conference Title: Bioinorganic Chemistry Dalton Discussion Number 2 Meeting

Conference Date: SEP 02-05, 1997

Conference Location: NORWICH, ENGLAND

Conference Host: UNIV E ANGLIA

Record 79 of 87

Title: Donor atom preferences in complexes of platinum and palladium with amino acids and related molecules

Author(s): Appleton, TG (Appleton, TG)

Source: COORDINATION CHEMISTRY REVIEWS Volume: 166 Pages: 313-359 DOI: 10.1016/S0010-8545(97)00047-7 Published: NOV 1997

Record 80 of 87

Title: Platinum(II) complexes catalyze reactions between platinum(IV) complexes and 9-methylxanthine

Author(s): Roat, RM (Roat, RM); Jerardi, MJ (Jerardi, MJ); Kopay, CB (Kopay, CB); Heath, DC (Heath, DC); Clark, JA (Clark, JA); DeMars, JA (DeMars, JA); Weaver, JM (Weaver, JM); Bezemer, E (Bezemer, E); Reedijk, J (Reedijk, J)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 19 Pages: 3615-3621 DOI: 10.1039/a703749j Published: OCT 7 1997

Record 81 of 87

Title: Complexing properties of diastereoisomers of 1-(L-methionylamino)ethylphosphonic acid

Author(s): Lukes, I (Lukes, I); Blaha, L (Blaha, L); Kesner, F (Kesner, F); Rohovec, J (Rohovec, J); Hermann, P (Hermann, P)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 15 Pages: 2629-2637 DOI: 10.1039/a607316f Published: AUG 7 1997

Record 82 of 87

Title: H-1 NMR study of interaction of cis-[Pt(NH₃)(2)(4-methylpyridine)Cl]NO₃ with S-methylglutathione

Author(s): Chen, BW (Chen, BW); VanBoom, SGES (VanBoom, SGES); Reedijk, J (Reedijk, J)

Source: CHEMICAL JOURNAL OF CHINESE UNIVERSITIES-CHINESE Volume: 18 Issue: 6

Pages: 840-845 Published: JUN 1997

Record 83 of 87

Title: Linkage isomerism of (diamine)platinum(II) complexes of sulfur-containing ylidenemalonate ligands

Author(s): Kim, KM (Kim, KM); Jun, MJ (Jun, MJ); Sohn, YS (Sohn, YS)

Source: POLYHEDRON Volume: 16 Issue: 21 Pages: 3705-3711 Published: 1997

Record 84 of 87

Title: The interaction of the anti-cancer drug cisplatin with phospholipids is specific for negatively charged phospholipids and takes place at low chloride ion concentration

Author(s): Speelmans, G (Speelmans, G); Sips, WHHM (Sips, WHHM); Grisel, RJH (Grisel, RJH);

Staffhorst, RWHM (Staffhorst, RWHM); FichtingerSchepman, AMJ (FichtingerSchepman, AMJ);

Reedijk, J (Reedijk, J); deKruijff, B (deKruijff, B)

Source: BIOCHIMICA ET BIOPHYSICA ACTA-BIOMEMBRANES Volume: 1283 Issue: 1 Pages: 60-66 DOI: 10.1016/0005-2736(96)00080-6 Published: AUG 14 1996

Record 85 of 87

Title: Subtle ring size effects on bonding mode. Structures and properties of platinum(II) complexes involving sulfur-containing dicarboxylate ligands S-(CH₂)_n-S-C=C(COO⁻)(2) (n=2,3,4)

Author(s): Sohn, YS (Sohn, YS); Kim, KM (Kim, KM); Kang, SJ (Kang, SJ); Jung, OS (Jung, OS)

Source: INORGANIC CHEMISTRY Volume: 35 Issue: 14 Pages: 4274-+ DOI: 10.1021/ic951312j Published: JUL 3 1996

Record 86 of 87

Title: Synthesis and X-ray crystal structure of trans,cis-[Pt(OAc)(2)I-2(en)]: A novel type of cisplatin analog that can be photolyzed by visible light to DNA-binding and cytotoxic species in vitro

Author(s): Kratochwil, NA (Kratochwil, NA); Zabel, M (Zabel, M); Range, KJ (Range, KJ); Bednarski, PJ (Bednarski, PJ)

Source: JOURNAL OF MEDICINAL CHEMISTRY Volume: 39 Issue: 13 Pages: 2499-2507 DOI: 10.1021/jm9509105 Published: JUN 21 1996

Record 87 of 87

Title: Current status of structure-activity relationships of platinum anticancer drugs: Activation of the trans-geometry

Author(s): Farrell, N (Farrell, N)

Source: METAL IONS IN BIOLOGICAL SYSTEMS, VOL 32 Book Series: METAL IONS IN BIOLOGICAL SYSTEMS Volume: 32 Pages: 603-639 Published: 1996

Yasui T., 1992, INORG SYNTH, V29, P169, DOI 10.1002/9780470132609.ch41

Record 1 of 5

Title: Facial and meridional geometrical isomers of tris(2-methylimidazol-4-yl-methylideneaminobenzyl)iron(II) with Delta- and Lambda-configurations and their enantio-discriminative assembly via imidazole ... chloride hydrogen bonding and spin cross-over properties (Reprinted from Polyhedron, vol 44, pg 194, 2012)

Author(s): Furushou, D (Furushou, Daisuke); Hashibe, T (Hashibe, Tomotaka); Fujinami, T (Fujinami, Takeshi); Nishi, K (Nishi, Koshiro); Hagiwara, H (Hagiwara, Hiroaki); Matsumoto, N (Matsumoto, Naohide); Sunatsuki, Y (Sunatsuki, Yukinari); Kojima, M (Kojima, Masaaki); Iijima, S (Iijima, Seiichiro)
Source: POLYHEDRON Volume: 52 Special Issue: SI Pages: 1489-1498 DOI: 10.1016/j.poly.2013.02.003 Published: MAR 22 2013

Record 2 of 5

Title: Facial and meridional geometrical isomers of tris(2-methylimidazol-4-yl-methylideneaminobenzyl)iron(II) with Delta- and Lambda-configurations and their enantio-discriminative assembly via imidazole center dot center dot center dot chloride hydrogen bonding and spin cross-over properties

Author(s): Furushou, D (Furushou, Daisuke); Hashibe, T (Hashibe, Tomotaka); Fujinami, T (Fujinami, Takeshi); Nishi, K (Nishi, Koshiro); Hagiwara, H (Hagiwara, Hiroaki); Matsumoto, N (Matsumoto, Naohide); Sunatsuki, Y (Sunatsuki, Yukinari); Kojima, M (Kojima, Masaaki); Iijima, S (Iijima, Seiichiro)
Source: POLYHEDRON Volume: 44 Issue: 1 Pages: 194-203 DOI: 10.1016/j.poly.2012.06.085
Published: AUG 31 2012

Record 3 of 5

Title: ESI-MS Investigation of Solvent Effects on the Chiral Recognition Capacity of Tartar Emetic Towards Neutral Side-Chain Amino Acids

Author(s): Wijeratne, AB (Wijeratne, Aruna B.); Yang, SH (Yang, Samuel H.); Gracia, J (Gracia, Jose); Armstrong, DW (Armstrong, Daniel W.); Schug, KA (Schug, Kevin A.)
Source: CHIRALITY Volume: 23 Issue: 1 Special Issue: SI Pages: 44-53 DOI: 10.1002/chir.20855
Published: JAN 2011

Conference Title: 21st International Symposium on Chirality

Conference Date: JUL 12-15, 2009

Conference Location: Breckenridge, CO

Record 4 of 5

Title: Molecular recognition properties of tartrates and metal-tartrates in solution and gas phase

Author(s): Wijeratne, AB (Wijeratne, Aruna B.); Schug, KA (Schug, Kevin A.)
Source: JOURNAL OF SEPARATION SCIENCE Volume: 32 Issue: 10 Pages: 1537-1547 DOI: 10.1002/jssc.200900064 Published: MAY 2009

Record 5 of 5

Title: Stereoselective synthesis of tris[di-M-hydroxy-bis-(ethylenediamine)] tetracobalt(III)

Author(s): Parada, J (Parada, J); Larrazabal, G (Larrazabal, G); Aguirre, P (Aguirre, P)
Source: JOURNAL OF THE CHILEAN CHEMICAL SOCIETY Volume: 50 Issue: 2 Pages: 477-478
Published: JUN 2005

RADANOVIC DJ, 1993, INORG CHIM ACTA, V207, P111, DOI 10.1016/S0020-1693(00)91463-4

Record 1 of 10

Title: Synthetic, Crystallographic, and Computational Study of Copper(II) Complexes of Ethylenediaminetetracarboxylate Ligands

Author(s): Matovic, ZD (Matovic, Zoran D.); Miletic, VD (Miletic, Vesna D.); Cendic, M (Cendic, Marina); Meetsma, A (Meetsma, Auke); van Koningsbruggen, PJ (van Koningsbruggen, Petra J.); Deeth, RJ (Deeth, Robert J.)

Source: INORGANIC CHEMISTRY Volume: 52 Issue: 3 Pages: 1238-1247 DOI: 10.1021/ic301609t Published: FEB 4 2013

Record 2 of 10

Title: Synthesis, magnetic and spectral studies of chromium(III), manganese(III), iron(III) and cobalt(III) complexes of thiosemicarbazones derived from benzil alpha-monoxime and unsubstituted/substituted thiosemicarbazides as biological agents

Author(s): Sharma, VK (Sharma, V. K.); Srivastava, S (Srivastava, Shipra)

Source: JOURNAL OF COORDINATION CHEMISTRY Volume: 61 Issue: 2 Pages: 178-191 DOI: 10.1080/00958970701318426 Published: JAN 20 2008

Record 3 of 10

Title: Template synthesis and structural characterization of homo binuclear chromium(III), manganese(III), iron(III), cobalt(III), and ruthenium(III) complexes with octaazamacrocyclic ligands

Author(s): Sharma, VK (Sharma, Vinod K.); Srivastava, S (Srivastava, Shipra)

Source: TURKISH JOURNAL OF CHEMISTRY Volume: 30 Issue: 6 Pages: 755-767 Published: 2006

Record 4 of 10

Title: Layered crystal structure of the trans(O5O6) isomer of potassium (1,3-propanediamine-N,N'-diacetate-N,N'-di-3-propionato) cobaltate(III) trihydrate, trans(O5O6)-K[Co(1,3-pddadp)] center dot 3H(2)O, stabilized by ionic, hydrogen bond and C=O dipolar interactions: Conformational analysis of Co(III) complexes with the 1,3-propanediamine-N,N'-diacetate-N,N'-di-3-propionate ligand

Author(s): Grubisic, S (Grubisic, S); Niketic, SR (Niketic, SR); Radanovic, DD (Radanovic, DD); Rychlewska, U (Rychlewska, U); Warzajtis, B (Warzajtis, B)

Source: POLYHEDRON Volume: 24 Issue: 13 Pages: 1701-1709 DOI: 10.1016/j.poly.2005.04.035 Published: SEP 15 2005

Record 5 of 10

Title: Synthesis and X-ray structural study of magnesium (1,3-propanediaminetetraacetato)nickelate(II) octahydrate, Mg[Ni(1,3-pdta)]center dot 8H(2)O. Structural parameters and strain analysis of [M(1,3-pdta)](n-) complexes in relation to their octahedral distortion

Author(s): Radanovic, DJ (Radanovic, DJ); Ama, T (Ama, T); Kawaguchi, H (Kawaguchi, H); Draskovic, NS (Draskovic, NS); Ristanovic, DM (Ristanovic, DM); Janicijevic, S (Janicijevic, S)

Source: BULLETIN OF THE CHEMICAL SOCIETY OF JAPAN Volume: 74 Issue: 4 Pages: 701-706 DOI: 10.1246/bcsj.74.701 Published: APR 2001

Record 6 of 10

Title: Preparation and crystal structure of the trans(O-5) isomer of magnesium(ethylenediamine-N,N,N'-triacetato-N'-3-propionato)cuprate(II) octahydrate, Mg[Cu(ed3ap)]center dot 8H(2)O.

Stereochemistry of octahedral Cu(II)-EDTA-type complexes in relation to the structure of the ligand

Author(s): Radanovic, DJ (Radanovic, DJ); Ama, T (Ama, T); Guresic, DM (Guresic, DM); Ristanovic, DM (Ristanovic, DM); Radanovic, DD (Radanovic, DD); Kawaguchi, H (Kawaguchi, H)

Source: BULLETIN OF THE CHEMICAL SOCIETY OF JAPAN Volume: 73 Issue: 10 Pages: 2283-2288 DOI: 10.1246/bcsj.73.2283 Published: OCT 2000

Record 7 of 10

Title: Hexadentate chromium(III) complexes containing unsymmetrical edta-type ligands - Part IV. Crystal structures of (-)(589)-trans(O-5)-Na[Cr(ed3ap)]center dot 3H(2)O and Na[Cr(u-eddadb)]center dot 3H(2)O and CD spectra correlation: structural parameters of [Cr(edta-type)](-) complexes and their octahedral distortion in relation to the structure of the ligand

Author(s): Radanovic, DJ (Radanovic, DJ); Sakagami, N (Sakagami, N); Ristanovic, VM (Ristanovic, VM); Kaizaki, S (Kaizaki, S)

Source: INORGANICA CHIMICA ACTA Volume: 292 Issue: 1 Pages: 16-27 DOI: 10.1016/S0020-1693(99)00164-4 Published: SEP 2 1999

Record 8 of 10

Title: Preparation and spectral assignments of hexadentate chromium(III) complexes containing unsymmetrical edta-type ligands. Trans-(O-5) geometrical isomer of sodium (ethylenediamine-N,N,N'-triacetato-N'-3-propionato)chromate(III) trihydrate, trans-(O-5)-Na[Cr(ed3ap)]center dot 3H(2)O and sodium (ethylenediamine-N-diacetato-N'-di-3-propionato)chromate(III) trihydrate, Na[Cr(mu-eddadb)]center dot 3H(2)O

Author(s): Radanovic, DJ (Radanovic, DJ); Ristanovic, VM (Ristanovic, VM); Stojceva-Radovanovic, B (Stojceva-Radovanovic, B); Todorovska, AD (Todorovska, AD); Sakagami, N (Sakagami, N); Iino, A (Iino, A); Kaizaki, S (Kaizaki, S)

Source: TRANSITION METAL CHEMISTRY Volume: 24 Issue: 4 Pages: 403-408 DOI: 10.1023/A:1006930006026 Published: AUG 1999

Record 9 of 10

Title: Synthesis and characterization of hexadentate cobalt(III) complexes with new edta-type ligands part 5. Structure and absolute configuration of the trans(O-5)(-)(546)-isomer of lithium (ethylenediamine-N,N,N'-triacetato-N'-3-propionato)cobaltate(III) monohydrate, (-)(546)-trans(O-5)-Li[Co(ed3ap)]center dot H2O. Strain analysis of [Co(edta-type)](-) chelates in relation to their octahedral distortion

Author(s): Radanovic, DJ (Radanovic, DJ); Miletic, VD (Miletic, VD); Ama, T (Ama, T); Kawaguchi, H (Kawaguchi, H)

Source: BULLETIN OF THE CHEMICAL SOCIETY OF JAPAN Volume: 71 Issue: 7 Pages: 1605-1614 DOI: 10.1246/bcsj.71.1605 Published: JUL 1998

Record 10 of 10

Title: The favored trans(O-6) geometry in hexadentate copper(II) complexes of 1,3-propanediamine-N,N'-diacetic-N,N'-di-3-propionic acid. Crystal structure of trans(O-6)-Na₂[Cu(1,3-pddadp)]center dot NaNO₃ center dot 2H(2)O. Strain analysis and spectral assignments of complexes

Author(s): Radanovic, DJ (Radanovic, DJ); Prelesnik, BV (Prelesnik, BV); Radanovic, DD (Radanovic, DD); Matovic, ZD (Matovic, ZD); Douglas, BE (Douglas, BE)

Source: INORGANICA CHIMICA ACTA Volume: 262 Issue: 2 Pages: 203-211 DOI: 10.1016/S0020-1693(97)05524-2 Published: OCT 1 1997

RADANOVIC DJ, 1993, INORG CHIM ACTA, V211, P149, DOI 10.1016/S0020-1693(00)85594-2

Record 1 of 7

Title: Layered crystal structure of the trans(O5O6) isomer of potassium (1,3-propanediamine-N,N'-diacetato-N,N'-di-3-propionato) cobaltate(III) trihydrate, trans(O5O6)-K[Co(1,3-pddadp)] center dot 3H(2)O, stabilized by ionic, hydrogen bond and C=O dipolar interactions: Conformational analysis of Co(III) complexes with the 1,3-propanediamine-N,N'-diacetato-N,N'-di-3-propionate ligand

Author(s): Grubisic, S (Grubisic, S); Niketic, SR (Niketic, SR); Radanovic, DD (Radanovic, DD); Rychlewska, U (Rychlewska, U); Warzajtis, B (Warzajtis, B)

Source: POLYHEDRON Volume: 24 Issue: 13 Pages: 1701-1709 DOI: 10.1016/j.poly.2005.04.035 Published: SEP 15 2005

Record 2 of 7

Title: Some hexadentate Ni(II)-edta-type complexes containing five-membered diamine rings. The molecular and crystal structure of the trans(O-5) isomer of barium(ethylenediamine-N,N'-diacetato-N,N'-di-3-propionato)nickelate(II) hexahydrate, trans(O-5)-Ba[Ni(eddadh)]center dot 6H(2)O, and strain analysis of edta-type chelates in relation to their octahedral distortion

Author(s): Radanovic, DJ (Radanovic, DJ); Ianelli, S (Ianelli, S); Pelosi, G (Pelosi, G); Matovic, ZD (Matovic, ZD); Tasic-Stojanovic, S (Tasic-Stojanovic, S); Douglas, BE (Douglas, BE)

Source: INORGANICA CHIMICA ACTA Volume: 278 Issue: 1 Pages: 66-75 DOI: 10.1016/S0020-1693(98)00009-7 Published: AUG 15 1998

Record 3 of 7

Title: Synthesis and characterization of hexadentate cobalt(III) complexes with new edta-type ligands part 5. Structure and absolute configuration of the trans(O-5)(-)(546)-isomer of lithium (ethylenediamine-N,N,N'-triacetato-N'-3-propionato)cobaltate(III) monohydrate, (-)(546)-trans(O-5)-Li[Co(ed3ap)]center dot H2O. Strain analysis of [Co(edta-type)](-) chelates in relation to their octahedral distortion

Author(s): Radanovic, DJ (Radanovic, DJ); Miletic, VD (Miletic, VD); Ama, T (Ama, T); Kawaguchi, H (Kawaguchi, H)

Source: BULLETIN OF THE CHEMICAL SOCIETY OF JAPAN Volume: 71 Issue: 7 Pages: 1605-1614 DOI: 10.1246/bcsj.71.1605 Published: JUL 1998

Record 4 of 7

Title: The favored trans(O-6) geometry in hexadentate copper(II) complexes of 1,3-propanediamine-N,N'-diacetic-N,N'-di-3-propionic acid. Crystal structure of trans(O-6)-Na-2[Cu(1,3-pddadh)]center dot NaNO3 center dot 2H(2)O. Strain analysis and spectral assignments of complexes

Author(s): Radanovic, DJ (Radanovic, DJ); Prelesnik, BV (Prelesnik, BV); Radanovic, DD (Radanovic, DD); Matovic, ZD (Matovic, ZD); Douglas, BE (Douglas, BE)

Source: INORGANICA CHIMICA ACTA Volume: 262 Issue: 2 Pages: 203-211 DOI: 10.1016/S0020-1693(97)05524-2 Published: OCT 1 1997

Record 5 of 7

Title: Rhodium 1993

Author(s): Housecroft, CE (Housecroft, CE)

Source: COORDINATION CHEMISTRY REVIEWS Volume: 152 Pages: 107-139 DOI: 10.1016/0010-8545(96)01270-2 Published: JUL 1996

Record 6 of 7

Title: The crystal structure of potassium trans(O-6)-1,3-propanediamine-N,N'-diacetato-N,N'-di-3-propionatocobaltate(III) trihydrate and consideration of ring strain, Ktrans(O-6)-[Co(1,3-pddadh)]center dot 3H(2)O

Author(s): Parvez, M (Parvez, M); Maricondi, C (Maricondi, C); Radanovic, DJ (Radanovic, DJ); Trifunovic, SR (Trifunovic, SR); Miletic, VD (Miletic, VD); Douglas, BE (Douglas, BE)

Source: INORGANICA CHIMICA ACTA Volume: 248 Issue: 1 Pages: 89-92 DOI: 10.1016/0020-1693(95)04975-4 Published: JUL 1 1996

Record 7 of 7

Title: Preparation and molecular structure of the trans(O-6) isomer of dihydrogen (1,3-propanediamine-N,N'-diacetato-N,N'-di-3-propionato)copper(II) complex. The stereochemistry of copper(II)-EDTA-type complexes in relation to the structure of the ligand

Author(s): Prelesnik, BV (Prelesnik, BV); Radanovic, DD (Radanovic, DD); Tomic, ZD (Tomic, ZD); Djurdjevic, P (Djurdjevic, P); Radanovic, DJ (Radanovic, DJ); Veselinovic, DS (Veselinovic, DS)

Source: POLYHEDRON Volume: 15 Issue: 21 Pages: 3761-3770 DOI: 10.1016/0277-5387(96)00115-5 Published: 1996

BARNHAM KJ, 1994, J CHEM SOC CHEM COMM, P721, DOI 10.1039/c39940000721
Barnham K.J., 1994, CHEM COMMUN, P721
BARNHAM KJ, 1994, J CHEM SOC CHEM COMM, V6, P721

Record 1 of 137

Title: DNA interaction and cytotoxic activities of square planar platinum(II) complexes with N, S-donor ligands

Author(s): Patel, MN (Patel, Mohan N.); Patel, CR (Patel, Chintan R.); Joshi, HN (Joshi, Hardik N.); Thakor, KP (Thakor, Khyati P.)

Source: SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY Volume: 127 Pages: 261-267 DOI: 10.1016/j.saa.2014.02.053 Published: JUN 5 2014

Record 2 of 137

Title: Mechanistic and Kinetic Investigations on the Interaction of Model Platinum(II) Complex With Ligands of Biological Significance in Reference to the Antitumor Activity

Author(s): Karmakar, P (Karmakar, Parnajyoti); Ray, S (Ray, Sumon); Mandal, A (Mandal, Arup); Mondal, S (Mondal, Subala); Mallick, S (Mallick, Subhasis); Bera, BK (Bera, Biplab K.); Ghosh, AK (Ghosh, Alak K.)

Source: SYNTHESIS AND REACTIVITY IN INORGANIC METAL-ORGANIC AND NANO-METAL CHEMISTRY Volume: 43 Issue: 10 Pages: 1563-1570 DOI: 10.1080/15533174.2013.763272 Published: NOV 26 2013

Record 3 of 137

Title: Interaction of Glutathione With Cis-(2-Aminomethylpyridine)diaqua platinum(II) Perchlorate in Aqueous Medium: Their Kinetics and Mechanism

Author(s): Ghosh, GK (Ghosh, Goutam Kr.); Misra, K (Misra, Koyel); Linert, W (Linert, Wolfgang); Moi, SC (Moi, Sankar Chandra)

Source: SYNTHESIS AND REACTIVITY IN INORGANIC METAL-ORGANIC AND NANO-METAL CHEMISTRY Volume: 43 Issue: 6 Pages: 714-721 DOI: 10.1080/15533174.2012.754760 Published: JUL 3 2013

Record 4 of 137

Title: Platinum-based drugs and proteins: Reactivity and relevance to DNA adduct formation

Author(s): Pinato, O (Pinato, Odra); Musetti, C (Musetti, Caterina); Farrell, NP (Farrell, Nicholas P.); Sissi, C (Sissi, Claudia)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 122 Pages: 27-37 DOI: 10.1016/j.jinorgbio.2013.01.007 Published: MAY 2013

Record 5 of 137

Title: Citrate inhibition of cisplatin reaction with DNA studied using fluorescently labeled oligonucleotides: implication for selectivity towards guanine

Author(s): Wang, F (Wang, Feng); Huang, PJJ (Huang, Po-Jung Jimmy); Liu, JW (Liu, Juewen)

Source: CHEMICAL COMMUNICATIONS Volume: 49 Issue: 82 Pages: 9482-9484 DOI: 10.1039/c3cc45458d Published: 2013

Record 6 of 137

Title: Competition between glutathione and DNA oligonucleotides for ruthenium(II) arene anticancer complexes

Author(s): Wang, FY (Wang, Fuyi); Xu, JJ (Xu, Jingjing); Wu, K (Wu, Kui); Weidt, SK (Weidt, Stefan K.); Mackay, CL (Mackay, C. Logan); Langridge-Smith, PRR (Langridge-Smith, Pat R. R.); Sadler, PJ (Sadler, Peter J.)

Source: DALTON TRANSACTIONS Volume: 42 Issue: 9 Pages: 3188-3195 DOI: 10.1039/c2dt32091f Published: 2013

Record 7 of 137

Title: Cellular interactions of platinum drugs

Author(s): Wexselblatt, E (Wexselblatt, Ezequiel); Yavin, E (Yavin, Eylon); Gibson, D (Gibson, Dan)

Source: INORGANICA CHIMICA ACTA Volume: 393 Pages: 75-83 DOI: 10.1016/j.ica.2012.07.013 Published: DEC 1 2012

Record 8 of 137

Title: Platinum-nucleobase PtN4 complexes as chemotypes for selective peptide reactions with biomolecules

Author(s): de Paula, QA (de Paula, Queite A.); Tsotsoros, SD (Tsotsoros, Samantha D.); Qu, Y (Qu, Yun); Bayse, CA (Bayse, Craig A.); Farrell, NP (Farrell, Nicholas P.)

Source: INORGANICA CHIMICA ACTA Volume: 393 Pages: 222-229 DOI: 10.1016/j.ica.2012.07.014 Published: DEC 1 2012

Record 9 of 137

Title: Vibrational analyses of 1,3-dibenzoyl-4,5-dihydro-1H-imidazole-2-thione and 1,3-dibenzoyl tetrahydropyrimidine-2(1H)-thione by normal coordinate treatment

Author(s): Gumus, S (Gumus, Sedat); Sundius, T (Sundius, Tom); Yilmaz, VT (Yilmaz, Veysel Turan)

Source: SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY Volume: 98 Pages: 384-395 DOI: 10.1016/j.saa.2012.08.058 Published: DEC 2012

Record 10 of 137

Title: Guanine Nucleobase Adducts Formed by [Pt(di-(2-picolyl)amine)Cl]Cl: Evidence That a Tridentate Ligand with Only in-Plane Bulk Can Slow Guanine Base Rotation

Author(s): Andrepont, C (Andrepond, Chase); Marzilli, PA (Marzilli, Patricia A.); Marzilli, LG (Marzilli, Luigi G.)

Source: INORGANIC CHEMISTRY Volume: 51 Issue: 21 Pages: 11961-11970 DOI: 10.1021/ic3018634 Published: NOV 5 2012

Record 11 of 137

Title: Effects of amine ligand bulk and hydrogen bonding on the rate of reaction of platinum(II) diamine complexes with key nucleotide and amino acid residues

Author(s): Sandlin, RD (Sandlin, Rebecca D.); Whelan, CJ (Whelan, Celia J.); Bradley, MS (Bradley, M. Samuel); Williams, KM (Williams, Kevin M.)

Source: INORGANICA CHIMICA ACTA Volume: 391 Pages: 135-140 DOI: 10.1016/j.ica.2012.05.008 Published: AUG 30 2012

Record 12 of 137

Title: Synthesis and characterization of (ethylenediamine)/(diammine)platinum(II) coordinated to seleno ligands containing carboxylic acid functionality

Author(s): Chopade, SM (Chopade, Suresh M.); Phadnis, PP (Phadnis, Prasad P.); Wadawale, A (Wadawale, Amey); Hodage, AS (Hodage, Ananda S.); Jain, VK (Jain, Vimal K.)

Source: INORGANICA CHIMICA ACTA Volume: 385 Pages: 185-189 DOI: 10.1016/j.ica.2012.01.055 Published: APR 30 2012

Record 13 of 137

Title: Structure-functional organization of eukaryotic high-affinity copper importer CTR1 determines its ability to transport copper, silver, and cisplatin

Author(s): Skvortsov, AN (Skvortsov, A. N.); Zatulovskiy, EA (Zatulovskiy, E. A.); Puchkova, LV (Puchkova, L. V.)

Source: MOLECULAR BIOLOGY Volume: 46 Issue: 2 Pages: 304-315 DOI: 10.1134/S0026893312010219 Published: APR 2012

Record 14 of 137

Title: Mechanistic studies on the reactions of platinum(II) complexes with nitrogen- and sulfur-donor biomolecules

Author(s): Bugarcic, ZD (Bugarcic, Zivadin D.); Bogojeski, J (Bogojeski, Jovana); Petrovic, B (Petrovic, Biljana); Hochreuther, S (Hochreuther, Stephanie); van Eldik, R (van Eldik, Rudi)

Source: DALTON TRANSACTIONS Volume: 41 Issue: 40 Pages: 12329-12345 DOI: 10.1039/c2dt31045g Published: 2012

Record 15 of 137

Title: Probing the Interaction of Cisplatin with the Human Copper Chaperone Atox1 by Solution and In-Cell NMR Spectroscopy

Author(s): Arnesano, F (Arnesano, Fabio); Banci, L (Banci, Lucia); Bertini, I (Bertini, Ivano); Felli, IC (Felli, Isabella C.); Losacco, M (Losacco, Maurizio); Natile, G (Natile, Giovanni)

Source: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY Volume: 133 Issue: 45 Pages: 18361-18369 DOI: 10.1021/ja207346p Published: NOV 16 2011

Record 16 of 137

Title: Equilibrium studies on complex formation reactions of dichlorido[(R,R)-trans-1,2-diaminocyclohexane]platinum(II) complex with ligands of biological significance

Author(s): Jelic, R (Jelic, Ratimir); Markovic, S (Markovic, Smiljana); Petrovic, B (Petrovic, Biljana)

Source: MONATSHFTE FUR CHEMIE Volume: 142 Issue: 10 Pages: 985-992 DOI: 10.1007/s00706-011-0553-z Published: OCT 2011

Record 17 of 137

Title: Effect of Thioethers on DNA Platination by trans-Platinum Complexes

Author(s): Li, C (Li, Chan); Huang, RR (Huang, Rongrong); Ding, Y (Ding, Yi); Sletten, E (Sletten, Einar); Arnesano, F (Arnesano, Fabio); Losacco, M (Losacco, Maurizio); Natile, G (Natile, Giovanni); Liu, YZ (Liu, Yangzhong)

Source: INORGANIC CHEMISTRY Volume: 50 Issue: 17 Pages: 8168-8176 DOI: 10.1021/ic200637t Published: SEP 5 2011

Record 18 of 137

Title: Reaction of platinum(II) diamine and triamine complexes with selenomethionine

Author(s): Williams, KM (Williams, Kevin M.); Dudgeon, RP (Dudgeon, Rebekkah P.); Chmely, SC (Chmely, Stephen C.); Robey, SR (Robey, Stephanie R.)

Source: INORGANICA CHIMICA ACTA Volume: 368 Issue: 1 Pages: 187-193 DOI: 10.1016/j.ica.2011.01.002 Published: MAR 15 2011

Record 19 of 137

Title: Synthesis and luminescence properties of cyclopalladated complexes with (SN)-N-boolean AND and (ON)-N-boolean AND donor ligands

Author(s): Santana, MD (Dolores Santana, M.); Garcia-Bueno, R (Garcia-Bueno, Rocio); Garcia, G (Garcia, Gabriel); Sanchez, G (Sanchez, Gregorio); Garcia, J (Garcia, Joaquin); Perez, J (Perez, Jose); Garcia, L (Garcia, Luis); Serrano, JL (Luis Serrano, J.)

Source: DALTON TRANSACTIONS Volume: 40 Issue: 14 Pages: 3537-3546 DOI: 10.1039/c0dt01337d Published: 2011

Record 20 of 137

Title: Platinum and Palladium-triazole Complexes as Highly Potential Antitumor Agents

Author(s): Al-Masoudi, NA (Al-Masoudi, Najim A.); Abdullah, BH (Abdullah, Bayazeed H.); Essa, AH (Essa, Ali H.); Loddo, R (Loddo, Roberta); LaColla, P (LaColla, Paolo)

Source: ARCHIV DER PHARMAZIE Volume: 343 Issue: 4 Pages: 222-227 DOI: 10.1002/ardp.200900140 Published: APR 2010

Record 21 of 137

Title: (L)-Valine and (L)-Proline - Solid-State IR-LD Spectroscopic Study

Author(s): Chapkanov, AG (Chapkanov, A. G.); Zareva, SY (Zareva, S. Y.)

Source: PROTEIN AND PEPTIDE LETTERS Volume: 17 Issue: 3 Pages: 347-350 Published: MAR 2010

Record 22 of 137

Title: A bulky platinum triamine complex that reacts faster with guanosine 5'-monophosphate than with N-acetylmethionine

Author(s): Sandlin, RD (Sandlin, Rebecca D.); Starling, MP (Starling, Michael P.); Williams, KM (Williams, Kevin M.)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 104 Issue: 2 Pages: 214-216 DOI: 10.1016/j.jinorgbio.2009.10.013 Published: FEB 2010

Record 23 of 137

Title: Reactions of Cisplatin Hydrolytes, cis-[Pt((NH₃)-N-15)(2)(H₂O)(2)](2+), with N-acetyl-L-cysteine

Author(s): Hadi, S (Hadi, Sutopo); Appleton, TG (Appleton, Trevor G.)

Source: RUSSIAN JOURNAL OF INORGANIC CHEMISTRY Volume: 55 Issue: 2 Pages: 223-228 DOI: 10.1134/S0036023610020142 Published: FEB 2010

Record 24 of 137

Title: Reactions of the First Cisplatin Hydrolytes cis-[Pt((NH₃)-N-15)(2)(H₂O)Cl](+) with L-Cysteine

Author(s): Hadi, S (Hadi, S.); Appleton, TG (Appleton, T. G.)

Source: POLISH JOURNAL OF CHEMISTRY Volume: 83 Issue: 3 Pages: 437-443 Published: MAR 2009

Record 25 of 137

Title: Molecular origin of the sequence-dependent kinetics of reactions between cisplatin derivatives and DNA

Author(s): Kozelka, J (Kozelka, Jiri)

Source: INORGANICA CHIMICA ACTA Volume: 362 Issue: 3 Pages: 651-668 DOI: 10.1016/j.ica.2008.04.024 Published: FEB 20 2009

Record 26 of 137

Title: Cytotoxicity studies of [PtCl₂(H(2)bim)] (H(2)bim=2,2'-biimidazole): Study of its interaction with a small protein PCI (potato carboxypeptidase inhibitor)

Author(s): Parajo, Y (Parajo, Yolanda); Arolas, JL (Arolas, Joan L.); Moreno, V (Moreno, Virtudes); Sanchez-Gonzalez, A (Sanchez-Gonzalez, Angeles); Sordo, J (Sordo, Jose); de Llorens, R (de Llorens, Rafael); Aviles, FX (Aviles, Francesc X.); Lorenzo, J (Lorenzo, Julia)

Source: INORGANICA CHIMICA ACTA Volume: 362 Issue: 3 Pages: 946-952 DOI: 10.1016/j.ica.2008.01.006 Published: FEB 20 2009

Record 27 of 137

Title: Equilibrium and H-1 NMR Kinetic Study of the Reactions of Dichlorido [S-Methyl-L-Cysteine(N,S)]Platinum(II) Complex with Some Relevant Biomolecules

Author(s): Soldatovic, T (Soldatovic, Tanja); Canovic, P (Canovic, Predrag); Nikolic, R (Nikolic, Radivoje); Jelic, R (Jelic, Ratomir); Bugarcic, ZD (Bugarcic, Zivadin D.)

Source: JOURNAL OF SOLUTION CHEMISTRY Volume: 38 Issue: 1 Pages: 57-71 DOI: 10.1007/s10953-008-9346-3 Published: JAN 2009

Record 28 of 137

Title: Synthesis, spectroscopic, structural and theoretical characterization of hydrogensquarate and mononuclear Au(III)-complex of dipeptide phenylalanyltirosine

Author(s): Koleva, BB (Koleva, Bojidarka B.); Kolev, T (Kolev, Tsonko); Zareva, SY (Zareva, Sonya Y.); Spiteller, M (Spiteller, Michael)

Source: JOURNAL OF MOLECULAR STRUCTURE Volume: 885 Issue: 1-3 Pages: 104-110 DOI: 10.1016/j.moistruc.2007.10.015 Published: AUG 14 2008

Record 29 of 137

Title: Study by HPLC-MS of the interaction of platinum antitumor complexes with potato carboxypeptidase inhibitor (PCI)

Author(s): Martinez, A (Martinez, Alberto); Moreno, V (Moreno, Virtudes); Sanglas, L (Sanglas, Laura); de Llorens, R (de Llorens, Rafael); Aviles, FX (Aviles, Francesc X.); Lorenzo, J (Lorenzo, Julia)

Source: BIOORGANIC & MEDICINAL CHEMISTRY Volume: 16 Issue: 14 Pages: 6832-6840 DOI: 10.1016/j.bmc.2008.05.064 Published: JUL 15 2008

Record 30 of 137

Title: Spectroscopic and structural elucidation of alanyl-containing dipeptides and their hydrogensquarates

Author(s): Koleva, BB (Koleva, Bojidarka B.); Kolev, TM (Kolev, Tsonko M.); Spiteller, M (Spiteller, Michael)

Source: JOURNAL OF MOLECULAR STRUCTURE Volume: 877 Issue: 1-3 Pages: 79-88 DOI: 10.1016/j.molstruc.2007.07.017 Published: APR 17 2008

Record 31 of 137

Title: Molecular structures and redox properties of oxorhenium(V) '3+1' mixed ligand complexes with heterocyclic thiolates containing nitrogen

Author(s): Chowdhury, S (Chowdhury, Shubhamoy); Nogami, M (Nogami, Masanobu); Canlier, A (Canlier, Ali); Koshino, N (Koshino, Nobuyoshi); Ikeda, Y (Ikeda, Yasuhisa)

Source: INORGANICA CHIMICA ACTA Volume: 361 Issue: 5 Pages: 1524-1529 DOI: 10.1016/j.ica.2007.09.011 Published: APR 1 2008

Record 32 of 137

Title: Characterisation of cisplatin coordination sites in cellular Escherichia coli DNA-binding proteins by combined biphasic liquid chromatography and ESI tandem mass spectrometry

Author(s): Will, J (Will, Joanna); Sheldrick, WS (Sheldrick, William S.); Wolters, D (Wolters, Dirk)

Source: JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY Volume: 13 Issue: 3 Pages: 421-434 DOI: 10.1007/s00775-007-0333-8 Published: MAR 2008

Record 33 of 137

Title: Spectroscopic and structural elucidation of L-tyrosine-containing dipeptides valyl-tyrosine and tyrosyl-alanine: Solid-state IR-LD spectroscopy, quantum chemical calculations and vibrational analysis

Author(s): Koleva, BB (Koleva, Bojidarka B.); Kolev, TM (Kolev, Tsonko M.); Spiteller, M (Spiteller, Michael)

Source: SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY Volume: 68 Issue: 5 Pages: 1187-1196 DOI: 10.1016/j.saa.2007.01.019
Published: DEC 31 2007

Record 34 of 137

Title: Kinetics and mechanism of the substitution reactions of [PtCl(bpma)](+), [PtCl(gly-met-S,N,N)] and their aqua analogues with L-methionine, glutathione and 5'-GMP

Author(s): Bugarcic, ZD (Bugarcic, Zivadin D.); Rosic, J (Rosic, Jovana); Petrovic, B (Petrovic, Biljana); Summa, N (Summa, Nadine); Puchta, R (Puchta, Raph); Van Eldik, R (Van Eldik, Rudi)

Source: JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY Volume: 12 Issue: 8 Pages: 1141-1150 DOI: 10.1007/s00775-007-0283-1 Published: NOV 2007

Record 35 of 137

Title: Incorporation of two modified nucleosides allows selective platination of an oligonucleotide making it suitable for duplex cross-linking

Author(s): Alguero, B (Alguero, Berta); Pedrosa, E (Pedrosa, Enrique); Marchan, V (Marchan, Vicente); Grandas, A (Grandas, Anna)

Source: JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY Volume: 12 Issue: 6 Pages: 901-911 DOI: 10.1007/s00775-007-0243-9 Published: AUG 2007

Record 36 of 137

Title: Studies of interactions between platinum(II) complexes and some biologically relevant molecules

Author(s): Petrovic, D (Petrovic, Dejan); Stojimirovic, B (Stojimirovic, Biljana); Petrovic, B (Petrovic, Biljana); Bugarcic, ZM (Bugarcic, Zorica M.); Bugarcic, ZD (Bugarcic, Zivadin D.)

Source: BIOORGANIC & MEDICINAL CHEMISTRY Volume: 15 Issue: 12 Pages: 4203-4211 DOI: 10.1016/j.bmc.2007.03.059 Published: JUN 15 2007

Record 37 of 137

Title: Solid-state linear-polarized IR-spectroscopic characterization of L-methionine

Author(s): Koleva, BB (Koleva, Bojidarka B.)

Source: VIBRATIONAL SPECTROSCOPY Volume: 44 Issue: 1 Pages: 30-35 DOI: 10.1016/j.vibspec.2006.07.007 Published: MAY 15 2007

Record 38 of 137

Title: Mononuclear Au(III)-complexes with tryptophan-containing dipeptides: Synthesis, spectroscopic and structural elucidation

Author(s): Koleva, BB (Koleva, B. B.); Kolev, T (Kolev, Ts.); Spiteller, M (Spiteller, M.)

Source: INORGANICA CHIMICA ACTA Volume: 360 Issue: 7 Pages: 2224-2230 DOI: 10.1016/j.ica.2006.11.002 Published: MAY 2 2007

Record 39 of 137

Title: Mononuclear and heterobimetallic complexes of palladium(II) with 4,5-diphenyl-1,2,4-triazole-3-thione

Author(s): Abdullah, BH (Abdullah, Bayazeed H.); Al-Jibori, SA (Al-Jibori, Subhi A.); Abdullah, MA (Abdullah, Mohamed A.); Al-Allaf, TAK (Al-Allaf, Talal A. K.)

Source: ASIAN JOURNAL OF CHEMISTRY Volume: 19 Issue: 3 Pages: 2307-2315 Published: MAY-JUN 2007

Record 40 of 137

Title: The dipeptide alanylphenylalanine (H-Ala-Phe-OH) - protonation. and coordination ability with Au(III)

Author(s): Koleva, BB (Koleva, B. B.); Kolev, T (Kolev, Ts.); Zareva, SY (Zareva, S. Y.); Spitteller, M (Spitteller, M.)

Source: JOURNAL OF MOLECULAR STRUCTURE Volume: 831 Issue: 1-3 Pages: 165-173 DOI: 10.1016/j.molstruc.2006.07.036 Published: APR 17 2007

Record 41 of 137

Title: Platinum(II) complexes with L-methionylglycine and L-methionyl-L-leucine ligands: Synthesis, characterization and in vitro antitumoral activity

Author(s): Kaluderovic, GN (Kaluderovic, Goran N.); Schmidt, H (Schmidt, Harry); Paschke, R (Paschke, Reinhard); Kalinowski, B (Kalinowski, Bernd); Dietrich, A (Dietrich, Andrea); Mueller, T (Mueller, Thomas); Steinborn, D (Steinborn, Dirk)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 101 Issue: 3 Pages: 543-549 DOI: 10.1016/j.jinorgbio.2006.11.016 Published: MAR 2007

Record 42 of 137

Title: An Au(III) complex of glycyl-S-serine: a linear polarized IR and H-1- and C-13-NMR investigation

Author(s): Kolev, T (Kolev, Tsonko); Ivanova, BB (Ivanova, Bojidarka B.); Zareva, SY (Zareva, Sonya Y.)

Source: JOURNAL OF COORDINATION CHEMISTRY Volume: 60 Issue: 1 Pages: 109-115 DOI: 10.1080/00958970600731620 Published: JAN 10 2007

Record 43 of 137

Title: NMR Spectroscopy of Anticancer Platinum Drugs

Author(s): Vinje, J (Vinje, Jo); Sletten, E (Sletten, Einar)

Source: ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY Volume: 7 Issue: 1 Pages: 35-54 DOI: 10.2174/187152007779313982 Published: JAN 2007

Record 44 of 137

Title: Structural and spectroscopic analysis of hydrogensquarates of glycine-containing tripeptides

Author(s): Koleva, BB (Koleva, Bojidarka B.); Kolev, TM (Kolev, Tsonko M.); Spitteller, M (Spitteller, Michael)

Source: BIOPOLYMERS Volume: 83 Issue: 5 Pages: 498-507 DOI: 10.1002/bip.20581 Published: DEC 5 2006

Record 45 of 137

Title: Structural and mechanistic aspects of platinum anticancer agents

Author(s): Ahmad, S (Ahmad, Saeed); Isab, AA (Isab, Anvarhusein A.); Ali, S (Ali, Saqib)

Source: TRANSITION METAL CHEMISTRY Volume: 31 Issue: 8 Pages: 1003-1016 DOI: 10.1007/s11243-006-0100-7 Published: NOV 2006

Record 46 of 137

Title: Linear-dichroic infrared and NMR spectroscopic analysis of an Au(III) complex of glycylmethioninylglycine

Author(s): Ivanova, BB (Ivanova, Bojidarka B.); Todorov, ST (Todorov, Stoyan T.); Arnaudov, MG (Arnaudov, Michail G.)

Source: JOURNAL OF COORDINATION CHEMISTRY Volume: 59 Issue: 15 Pages: 1749-1755 DOI: 10.1080/00958970500538018 Published: OCT 15 2006

Record 47 of 137

Title: Au(III)-complexes of the alanyl-containing peptides glycylalanine and glycylalanylalanine - Synthesis, spectroscopic and structural characterization

Author(s): Kolev, T (Kolev, Ts.); Koleva, BB (Koleva, B. B.); Zareva, SY (Zareva, S. Y.); Spitteller, M (Spitteller, M.)

Source: INORGANICA CHIMICA ACTA Volume: 359 Issue: 13 Pages: 4367-4376 DOI: 10.1016/j.ica.2006.05.034 Published: OCT 1 2006

Record 48 of 137

Title: Solid-state IR-LD spectroscopic and theoretical analysis of arginine-containing peptides

Author(s): Kolev, T (Kolev, Tsonko)

Source: BIOPOLYMERS Volume: 83 Issue: 1 Pages: 39-45 DOI: 10.1002/bip.20525 Published: SEP 2006

Record 49 of 137

Title: Solid state linear-dichroic infrared spectral and theoretical analysis of methionine-containing tripeptides

Author(s): Ivanova, BB (Ivanova, Bojidarka B.); Amaudov, MG (Amaudov, Michail G.)

Source: SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY Volume: 65 Issue: 1 Pages: 56-61 DOI: 10.1016/j.saa.2005.09.026 Published: SEP 2006

Record 50 of 137

Title: The neglected Pt-N(sulfonamido) bond in Pt chemistry. New fluorophore-containing Pt(II) complexes useful for assessing Pt(II) interactions with biomolecules

Author(s): Christoforou, AM (Christoforou, Anna Maria); Marzilli, PA (Marzilli, Patricia A.); Marzilli, LG (Marzilli, Luigi G.)

Source: INORGANIC CHEMISTRY Volume: 45 Issue: 17 Pages: 6771-6781 DOI: 10.1021/ic0606375 Published: AUG 21 2006

Record 51 of 137

Title: Solid-state IR-LD spectroscopic and theoretical analysis of glycine-containing peptides and their hydrochlorides

Author(s): Ivanova, BB (Ivanova, Bojidarka B.); Kolev, T (Kolev, Tsonko); Zareva, SY (Zareva, Sonya Y.)

Source: BIOPOLYMERS Volume: 82 Issue: 6 Pages: 587-596 DOI: 10.1002/bip.20512 Published: AUG 15 2006

Record 52 of 137

Title: Insights into the mechanism of action of platinum anticancer drugs from multinuclear NMR spectroscopy

Author(s): Berners-Price, SJ (Berners-Price, Susan J.); Ronconi, L (Ronconi, Luca); Sadler, PJ (Sadler, Peter J.)

Source: PROGRESS IN NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY Volume: 49 Issue: 1 Pages: 65-98 DOI: 10.1016/j.pnmrs.2006.05.002 Published: AUG 15 2006

Record 53 of 137

Title: Interactions of platinum complexes containing cationic, bicyclic, nonplanar piperidinopiperidine ligands with biological nucleophiles

Author(s): Najajreh, Y (Najajreh, Yousef); Ardeli-Tzaraf, Y (Ardeli-Tzaraf, Yael); Kasparkova, J (Kasparkova, Jana); Heringova, P (Heringova, Pavla); Prilutski, D (Prilutski, Dmitri); Balter, L (Balter, Liliana); Jawbry, S (Jawbry, Seba); Khazanov, E (Khazanov, Elena); Perez, JM (Perez, Jose Manuel); Barenholz, Y (Barenholz, Yechezkel); Brabec, V (Brabec, Viktor); Gibson, D (Gibson, Dan)

Source: JOURNAL OF MEDICINAL CHEMISTRY Volume: 49 Issue: 15 Pages: 4674-4683 DOI: 10.1021/jm060238j Published: JUL 27 2006

Record 54 of 137

Title: Structural analysis of the tripeptide glycyl-methionyl-glycine (H-Gly-Met-Gly-OH) and its hydrochloride

Author(s): Ivanova, BB (Ivanova, BB); Arnaudov, MG (Arnaudov, MG); Todorov, S (Todorov, S); Sheldrick, WS (Sheldrick, WS); Mayer-Figge, H (Mayer-Figge, H)

Source: STRUCTURAL CHEMISTRY Volume: 17 Issue: 1 Pages: 49-56 DOI: 10.1007/s11224-006-9034-0 Published: FEB 2006

Record 55 of 137

Title: Stereo-structural and IR-spectral characterization of histidine containing dipeptides by means of solid-state IR-LD spectroscopy and ab initio calculations

Author(s): Ivanova, BB (Ivanova, BB)

Source: JOURNAL OF MOLECULAR STRUCTURE Volume: 782 Issue: 2-3 Pages: 122-129 DOI: 10.1016/j.molstruc.2005.08.004 Published: JAN 23 2006

Record 56 of 137

Title: Competition between glutathione and guanine for a ruthenium(II) arene anticancer complex: Detection of a sulfenato intermediate

Author(s): Wang, FY (Wang, FY); Xu, JJ (Xu, JJ); Habtemariam, A (Habtemariam, A); Bella, J (Bella, J); Sadler, PJ (Sadler, PJ)

Source: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY Volume: 127 Issue: 50 Pages: 17734-17743 DOI: 10.1021/ja053387k Published: DEC 21 2005

Record 57 of 137

Title: Cisplatin interaction with cysteine and methionine, a theoretical DFT study

Author(s): Zimmermann, T (Zimmermann, T); Zeizinger, M (Zeizinger, M); Burda, JV (Burda, JV)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 99 Issue: 11 Pages: 2184-2196 DOI: 10.1016/j.jinorgbio.2005.07.021 Published: NOV 2005

Record 58 of 137

Title: Determination of binding sites in carboplatin-bound cytochrome c using electrospray ionization mass spectrometry and tandem mass spectrometry

Author(s): Yang, GS (Yang, GS); Miao, R (Miao, R); Jin, C (Jin, C); Mei, YH (Mei, YH); Tang, HW (Tang, HW); Hong, J (Hong, J); Guo, ZJ (Guo, ZJ); Zhu, LG (Zhu, LG)

Source: JOURNAL OF MASS SPECTROMETRY Volume: 40 Issue: 8 Pages: 1005-1016 DOI: 10.1002/jms.875 Published: AUG 2005

Record 59 of 137

Title: Pyridine-carboxylate complexes of platinum. Effect of N,O-chelate formation on model bifunctional DNA-DNA and DNA-protein interactions

Author(s): Quintal, SMO (Quintal, SMO); Qu, Y (Qu, Y); Quiroga, AG (Quiroga, AG); Moniodis, J (Moniodis, J); Nogueira, HIS (Nogueira, HIS); Farrell, N (Farrell, N)

Source: INORGANIC CHEMISTRY Volume: 44 Issue: 15 Pages: 5247-5253 DOI: 10.1021/ic050062w Published: JUL 25 2005

Record 60 of 137

Title: Hydration process as an activation of trans- and cisplatin complexes in anticancer treatment. DFT and ab initio computational study of thermodynamic and kinetic parameters

Author(s): Burda, JV (Burda, JV); Zeizinger, M (Zeizinger, M); Leszczynski, J (Leszczynski, J)

Source: JOURNAL OF COMPUTATIONAL CHEMISTRY Volume: 26 Issue: 9 Pages: 907-914 DOI: 10.1002/jcc.20228 Published: JUL 15 2005

Record 61 of 137

Title: Crystal structures and cytotoxicity of isopropylamine Pt(II) complexes: A trinuclear squarato-bridged [Pt-3(μ (2)-C₄O₄)(3)(H₂NPri)(6)]center dot 3H(2)O and a mononuclear cis-[Pt(NO₃)(2)(H₂NPri)(2)]

Author(s): Grabner, S (Grabner, S); Modec, B (Modec, B); Cemazar, M (Cemazar, M); Bukovec, NA (Bukovec, NA)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 99 Issue: 7 Pages: 1465-1471 DOI: 10.1016/j.jinorgbio.2005.04.004 Published: JUL 2005

Record 62 of 137

Title: Study of the reactions between platinum(II) complexes and L-methionine in the presence and absence of 5'-GMP

Author(s): Soldatovic, T (Soldatovic, T); Bugarcic, ZD (Bugarcic, ZD)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 99 Issue: 7 Pages: 1472-1479 DOI: 10.1016/j.jinorgbio.2005.04.005 Published: JUL 2005

Record 63 of 137

Title: 1,3-Dibenzoylimidazolidine-2-thione and 1,3-dibenzoyl-3,4,5,6-tetrahydropyrimidine-2(1H)-thione

Author(s): Kazak, C (Kazak, C); Yilmaz, VT (Yilmaz, VT); Servi, S (Servi, S); Koca, M (Koca, M); Heinemann, FW (Heinemann, FW)

Source: ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS Volume: 61 Pages: O348-O350 DOI: 10.1107/S0108270105009844 Part: 6 Published: JUN 2005

Record 64 of 137

Title: Presence of cancerostatic platinum compounds in hospital wastewater and possible elimination by adsorption to activated sludge

Author(s): Lenz, K (Lenz, K); Hann, S (Hann, S); Koellensperger, G (Koellensperger, G); Stefanka, Z (Stefanka, Z); Stingeder, G (Stingeder, G); Weissenbacher, N (Weissenbacher, N); Mahnik, SN (Mahnik, SN); Fuerhacker, M (Fuerhacker, M)

Source: SCIENCE OF THE TOTAL ENVIRONMENT Volume: 345 Issue: 1-3 Pages: 141-152 DOI: 10.1016/j.scitotenv.2004.11.007 Published: JUN 1 2005

Record 65 of 137

Title: Solid-state linear-dichroic infrared spectroscopic analysis of the dipeptide S-Phe-S-Phe and its mononuclear Au(III) complex

Author(s): Ivanova, BB (Ivanova, BB)

Source: JOURNAL OF COORDINATION CHEMISTRY Volume: 58 Issue: 7 Pages: 587-593 DOI: 10.1080/00958970500039033 Published: MAY 10 2005

Record 66 of 137

Title: Competitive reactions of a ruthenium arene anticancer complex with histidine, cytochrome c and an oligonucleotide

Author(s): Wang, FY (Wang, FY); Bella, J (Bella, J); Parkinson, JA (Parkinson, JA); Sadler, PJ (Sadler, PJ)

Source: JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY Volume: 10 Issue: 2 Pages: 147-155 DOI: 10.1007/s00775-004-0621-5 Published: MAR 2005

Record 67 of 137

Title: Kinetic and mechanistic study on the reactions of [Pd(dien)H₂O](2+) and [Pt(dien)H₂O](2+) with L-cysteine and S-methyl-L-cysteine

Author(s): Petrovic, BV (Petrovic, BV); Bugarcic, ZD (Bugarcic, ZD)

Source: AUSTRALIAN JOURNAL OF CHEMISTRY Volume: 58 Issue: 7 Pages: 544-550 DOI: 10.1071/CH05033 Published: 2005

Record 68 of 137

Title: Mass spectrometric studies of the formation and reactivity of trans-[PtCl₂(Am) (piperidinopiperidine)] center dot HCl complexes with ubiquitin

Author(s): Balter, L (Balter, L); Gibson, D (Gibson, D)

Source: RAPID COMMUNICATIONS IN MASS SPECTROMETRY Volume: 19 Issue: 24 Pages: 3666-3672 DOI: 10.1002/rcm.2244 Published: 2005

Record 69 of 137

Title: Insights into the reaction of transplatin with DNA and proteins: Methionine-mediated formation of histidine-guanine trans-Pt(NH₃)(2) cross-links

Author(s): Marchan, V (Marchan, V); Pedroso, E (Pedroso, E); Grandas, A (Grandas, A)

Source: CHEMISTRY-A EUROPEAN JOURNAL Volume: 10 Issue: 21 Pages: 5369-5375 DOI: 10.1002/chem.200400470 Published: OCT 25 2004

Record 70 of 137

Title: Synthesis and characterization of platinum(II) complexes of diethyl [(methylsulfinyl)methyl]phosphonate: Potential drugs against bone tumors

Author(s): Laforgia, M (Laforgia, M); Cerasino, L (Cerasino, L); Margiotta, N (Margiotta, N); Capozzi, MAM (Capozzi, MAM); Cardellicchio, C (Cardellicchio, C); Naso, F (Naso, F); Natile, G (Natile, G)

Source: EUROPEAN JOURNAL OF INORGANIC CHEMISTRY Issue: 17 Pages: 3445-3452 DOI: 10.1002/ejic.200400195 Published: SEP 6 2004

Record 71 of 137

Title: Palladium(II) and platinum(II) complexes with mixed ligands of tertiary monophosphines and 5-phenyl-1,3,4-oxadiazole-2-thione or 4,5-diphenyl-1,2,4-triazole-3-thione

Author(s): Qadir, AM (Qadir, AM); Abdullah, AI (Abdullah, AI); Al-Jibor, SA (Al-Jibor, SA); Al-Allaf, TAK (Al-Allaf, TAK)

Source: ASIAN JOURNAL OF CHEMISTRY Volume: 16 Issue: 2 Pages: 1181-1188 Published: APR-JUN 2004

Record 72 of 137

Title: Au(III) interaction with methionine- and histidine-containing peptides

Author(s): Ivanova, BB (Ivanova, BB); Mitewa, MIO (Mitewa, MIO)

Source: JOURNAL OF COORDINATION CHEMISTRY Volume: 57 Issue: 3 Pages: 217-221 DOI: 10.1080/00958970410001671192 Published: FEB 15 2004

Record 73 of 137

Title: Effect of amine ligand bulk on the interaction of methionine with platinum(II) diamine complexes

Author(s): Williams, KM (Williams, KM); Rowan, C (Rowan, C); Mitchell, J (Mitchell, J)

Source: INORGANIC CHEMISTRY Volume: 43 Issue: 3 Pages: 1190-1196 DOI:

10.1021/ic035212m Published: FEB 9 2004

Record 74 of 137

Title: Substitution reactions of [Pt(terpy)X](2+) with some biologically relevant ligands. Synthesis and crystal structure of [Pt(terpy)(cyst-S)](ClO4)(2 center dot 0.5H(2)O and [Pt(terpy)(guo-N-7)](ClO4)(2)center dot 0.5guo center dot 1.5H(2)O

Author(s): Bugarcic, ZD (Bugarcic, ZD); Heinemann, FW (Heinemann, FW); van Eldik, R (van Eldik, R)

Source: DALTON TRANSACTIONS Issue: 2 Pages: 279-286 DOI: 10.1039/b311056g Published: 2004

Record 75 of 137

Title: Equilibrium, kinetic and HPLC study of the reactions between platinum(II) complexes and DNA constituents in the presence and absence of glutathione

Author(s): Bugarcic, ZD (Bugarcic, ZD); Soldatovic, T (Soldatovic, T); Jelic, R (Jelic, R); Alguero, B (Alguero, B); Grandas, A (Grandas, A)

Source: DALTON TRANSACTIONS Issue: 22 Pages: 3869-3877 DOI: 10.1039/b411168k

Published: 2004

Record 76 of 137

Title: Platinum-nitrogen bond rearrangements in isomeric cis-Pt-II(NH3)(2)-bis(9-methyladenine) complexes under alkaline conditions

Author(s): Arpalahti, J (Arpalahti, J); Klika, KD (Klika, KD)

Source: EUROPEAN JOURNAL OF INORGANIC CHEMISTRY Issue: 23 Pages: 4195-4201 DOI:

10.1002/ejic.200300365 Published: DEC 5 2003

Record 77 of 137

Title: The influence of methionine-containing peptides on the reaction of carboplatin with 5 '-guanosine monophosphate: a comparison with cisplatin

Author(s): Kleine, M (Kleine, M); Wolters, D (Wolters, D); Sheldrick, WS (Sheldrick, WS)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 97 Issue: 4 Pages: 354-363 DOI:

10.1016/S0162-0134(03)00289-7 Published: DEC 1 2003

Record 78 of 137

Title: Toward the design of novel polynuclear platinum antitumor complexes: A polydentate ligand system based on dipyridylamine and 1,3,5-trimethylenebenzene

Author(s): Tu, C (Tu, C); Lin, J (Lin, J); Shao, Y (Shao, Y); Guo, ZJ (Guo, ZJ)

Source: INORGANIC CHEMISTRY Volume: 42 Issue: 19 Pages: 5795-+ DOI: 10.1021/ic034604q

Published: SEP 22 2003

Record 79 of 137

Title: Unprecedented monofunctional metalation of adenine nucleobase in guanine- and thymine-containing dinucleotide sequences by a cytotoxic platinum-acridine hybrid agent

Author(s): Barry, CG (Barry, CG); Baruah, H (Baruah, H); Bierbach, U (Bierbach, U)

Source: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY Volume: 125 Issue: 32 Pages:

9629-9637 DOI: 10.1021/ja0351443 Published: AUG 13 2003

Record 80 of 137

Title: Monofunctional platinum complexes showing potent cytotoxicity against human liver carcinoma cell line BEL-7402

Author(s): Zhang, JY (Zhang, JY); Wang, XY (Wang, XY); Tu, C (Tu, C); Lin, J (Lin, J); Ding, J (Ding, J); Lin, LP (Lin, LP); Wang, ZM (Wang, ZM); He, C (He, C); Yan, CH (Yan, CH); You, XZ (You, XZ); Guo, ZJ (Guo, ZJ)

Source: JOURNAL OF MEDICINAL CHEMISTRY Volume: 46 Issue: 16 Pages: 3502-3507 DOI: 10.1021/jm020593j Published: JUL 31 2003

Record 81 of 137

Title: Platinum(II)-based coordination compounds as nucleic acid labeling reagents: Synthesis, reactivity, and applications in hybridization assays

Author(s): Heetebrij, RJ (Heetebrij, RJ); Talman, EG (Talman, EG); Von Velzen, MA (Von Velzen, MA); Von Gijlswijk, RPM (Von Gijlswijk, RPM); Snoeijers, SS (Snoeijers, SS); Schalk, M (Schalk, M); Wiegant, J (Wiegant, J); Von der Rijke, F (Von der Rijke, F); Kerkhoven, RM (Kerkhoven, RM); Raap, AK (Raap, AK); Tanke, HJ (Tanke, HJ); Reedijk, J (Reedijk, J); Houthoff, HJ (Houthoff, HJ)

Source: CHEMBIOCHEM Volume: 4 Issue: 7 Pages: 573-583 DOI: 10.1002/cbic.200200498 Published: JUL 7 2003

Record 82 of 137

Title: Pt(II) complexes with N-(3-pyridyl)-2-(4(trifluoromethyl)phenyl)diazene-carboxamide and their reactions with glutathione

Author(s): Grabner, S (Grabner, S); Kosmrlj, J (Kosmrlj, J); Bukovec, N (Bukovec, N); Cemazar, M (Cemazar, M)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 95 Issue: 2-3 Pages: 105-112 DOI: 10.1016/S0162-0134(03)00092-8 Published: JUN 1 2003

Record 83 of 137

Title: Novel adducts of the anticancer drug oxaliplatin with glutathione and redox reactions with glutathione disulfide

Author(s): Fakih, S (Fakih, S); Munk, VP (Munk, VP); Shipman, MA (Shipman, MA); Murdoch, PD (Murdoch, PD); Parkinson, JA (Parkinson, JA); Sadler, PJ (Sadler, PJ)

Source: EUROPEAN JOURNAL OF INORGANIC CHEMISTRY Issue: 6 Pages: 1206-1214 DOI: 10.1002/ejic.200390156 Published: MAR 2003

Record 84 of 137

Title: Interactions of cisplatin and transplatin with proteins. Comparison of binding kinetics, binding sites and reactivity of the Pt-protein adducts of cisplatin and transplatin towards biological nucleophiles

Author(s): Peleg-Shulman, T (Peleg-Shulman, T); Najajreh, Y (Najajreh, Y); Gibson, D (Gibson, D)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 91 Issue: 1 Pages: 306-311 Article Number: DOI: 10.1016/S0162-0134(02)00362-8 Published: JUL 25 2002

Conference Title: 10th International Conference on Bioinorganic Chemistry

Conference Date: AUG 26-31, 2001

Conference Location: FLORENCE, ITALY

Record 85 of 137

Title: On the competition of the purine bases, functionalities of peptide side chains, and protecting agents for the coordination sites of dicationic cisplatin derivatives

Author(s): Deubel, DV (Deubel, DV)

Source: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY Volume: 124 Issue: 20 Pages: 5834-5842 DOI: 10.1021/ja012221q Published: MAY 22 2002

Record 86 of 137

Title: Glutathione induces cellular resistance against cationic dinuclear platinum anticancer drugs
 Author(s): Jansen, BAJ (Jansen, BAJ); Brouwer, J (Brouwer, J); Reedijk, J (Reedijk, J)
 Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 89 Issue: 3-4 Pages: 197-202
 Article Number: DOI: 10.1016/S0162-0134(02)00381-1 Published: APR 28 2002

Record 87 of 137

Title: Kinetics and mechanism of the reactions of [Pt(terpy)H₂O](2+) with thiols in acidic aqueous solution. Synthesis and crystal structure of [Pt(terpy)(tu)](ClO₄)(2) (tu = thiourea)
 Author(s): Bugarcic, ZD (Bugarcic, ZD); Liehr, G (Liehr, G); van Eldik, R (van Eldik, R)
 Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 14 Pages: 2825-2830 DOI: 10.1039/b201930m Published: 2002

Record 88 of 137

Title: Synthesis of S,N-chelating heterocyclic thionates of palladium(II). Crystal structure of cis-[Pd(pym₂S)(PPh₃)(2)] (pym₂S=pyrimidine-2-thionate)
 Author(s): Serrano, JL (Serrano, JL); Perez, J (Perez, J); Sanchez, G (Sanchez, G); Martinez, JF (Martinez, JF); Lopez, G (Lopez, G); Molins, E (Molins, E)
 Source: TRANSITION METAL CHEMISTRY Volume: 27 Issue: 1 Pages: 105-109 DOI: 10.1023/A:1013413303171 Published: 2002

Record 89 of 137

Title: Comparison of the binding behavior of oxaliplatin, cisplatin and analogues to 5'-GMP in the presence of sulfur-containing molecules by means of capillary electrophoresis and electrospray mass spectrometry
 Author(s): Kung, A (Kung, A); Strickmann, DB (Strickmann, DB); Galanski, M (Galanski, M); Keppler, BK (Keppler, BK)
 Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 86 Issue: 4 Pages: 691-698 DOI: 10.1016/S0162-0134(01)00225-2 Published: OCT 2001

Record 90 of 137

Title: Cisplatin-protein adducts are efficiently removed by glutathione but not by 5'-guanosine monophosphate
 Author(s): Peleg-Shulman, T (Peleg-Shulman, T); Gibson, D (Gibson, D)
 Source: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY Volume: 123 Issue: 13 Pages: 3171-3172 DOI: 10.1021/ja005854y Published: APR 4 2001

Record 91 of 137

Title: Towards a better understanding of the cisplatin mode of action
 Author(s): Marchan, V (Marchan, V); Moreno, V (Moreno, V); Pedrosa, E (Pedrosa, E); Grandas, A (Grandas, A)
 Source: CHEMISTRY-A EUROPEAN JOURNAL Volume: 7 Issue: 4 Pages: 808-815 DOI: 10.1002/1521-3765(20010216)7:4<808::AID-CHEM808>3.0.CO;2-6 Published: FEB 16 2001

Record 92 of 137

Title: Kinetics of binding properties of 5'-GMP with cisplatin under simulated physiological conditions by capillary electrophoresis
 Author(s): Zenker, A (Zenker, A); Galanski, M (Galanski, M); Bereuter, TL (Bereuter, TL); Keppler, BK (Keppler, BK); Lindner, W (Lindner, W)
 Source: JOURNAL OF CHROMATOGRAPHY B Volume: 745 Issue: 1 Pages: 211-219 DOI: 10.1016/S0378-4347(00)00096-7 Published: AUG 4 2000
 Conference Title: Analytical Separations 2000 Symposium
 Conference Date: OCT 13-16, 1999
 Conference Location: VAALS, NETHERLANDS

Record 93 of 137

Title: Reaction of DNA oligonucleotides with [Pt(dien)GSMe](2+) (GSMe = S-methylated glutathione) and cis-[Pt(NH₃)₂(GSMe)₂](2+): evidence of oligonucleotide platination via sulfur-coordinated platinum intermediates

Author(s): Teuben, JM (Teuben, JM); Reedijk, J (Reedijk, J)

Source: JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY Volume: 5 Issue: 4 Pages: 463-468

Published: AUG 2000

Record 94 of 137

Title: Metal-heterocyclic thione interactions. 12. Heterocyclic 2-thiolates of platinum(II) and palladium(II): the crystal structures of first examples of cis-[M(eta(1)-S-pyridine-2-thiolato)(2)(L-L)] {M = Pt, Pd, L-L=1,2-bis(diphenylphosphino) ethane; M = Pt, L-L=1,2-bis(diphenylphosphino) ethene} complexes

Author(s): Lobana, TS (Lobana, TS); Verma, R (Verma, R); Hundal, G (Hundal, G); Castineiras, A (Castineiras, A)

Source: POLYHEDRON Volume: 19 Issue: 8 Pages: 899-906 DOI: 10.1016/S0277-5387(00)00329-6 Published: APR 30 2000

Record 95 of 137

Title: Thermodynamic, kinetic and structural studies on the ternary palladium(II) complexes of thioether ligands

Author(s): Nagy, Z (Nagy, Z); Fabian I (Fabian, I); Sovago I (Sovago, I)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 79 Issue: 1-4 Pages: 129-138 DOI: 10.1016/S0162-0134(99)00157-9 Published: APR 2000

Conference Title: 5th International Symposium on Applied Bioinorganic Chemistry (5 ISABC)

Conference Date: APR 13-17, 1999

Conference Location: CORFU, GREECE

Record 96 of 137

Title: Medicinal inorganic chemistry

Author(s): Guo, ZJ (Guo, ZJ); Sadler, PJ (Sadler, PJ)

Source: ADVANCES IN INORGANIC CHEMISTRY, VOL 49 Book Series: ADVANCES IN INORGANIC CHEMISTRY Volume: 49 Pages: 183-306 Published: 2000

Record 97 of 137

Title: Glutathione readily replaces the thioether on platinum in the reaction with [Pt(dien)(GSMe)](2+) (GSMe = S-methylated glutathione); a model study for cisplatin-protein interactions

Author(s): Teuben, JM (Teuben, JM); Zubiri, MRI (Zubiri, MRI); Reedijk, J (Reedijk, J)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 3 Pages: 369-372 DOI: 10.1039/a908135f Published: 2000

Record 98 of 137

Title: Study of the interaction between a histidine-deoxyguanosine hybrid and cisplatin

Author(s): Beltran, M (Beltran, M); Onoa, GB (Onoa, GB); Pedroso, E (Pedroso, E); Moreno, V (Moreno, V); Grandas, A (Grandas, A)

Source: JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY Volume: 4 Issue: 6 Pages: 701-707 DOI: 10.1007/s007750050342 Published: DEC 1999

Record 99 of 137

Title: Calcium ions do accelerate the DNA binding of new antitumor-active platinum aminophosphonate complexes

Author(s): Bloemink, MJ (Bloemink, MJ); Diederer, JJH (Diederer, JJH); Dorenbos, JP (Dorenbos, JP); Heetebrij, RJ (Heetebrij, RJ); Keppler, BK (Keppler, BK); Reedijk, J (Reedijk, J)

Source: EUROPEAN JOURNAL OF INORGANIC CHEMISTRY Issue: 10 Pages: 1655-1657 Published: OCT 1999

Record 100 of 137

Title: Identification of platination sites on human serum transferrin using C-13 and N-15 NMR spectroscopy

Author(s): Cox, MC (Cox, MC); Barnham, KJ (Barnham, KJ); Frenkiel, TA (Frenkiel, TA); Hoeschele, JD (Hoeschele, JD); Mason, AB (Mason, AB); He, QY (He, QY); Woodworth, RC (Woodworth, RC); Sadler, PJ (Sadler, PJ)

Source: JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY Volume: 4 Issue: 5 Pages: 621-631 DOI: 10.1007/s007750050386 Published: OCT 1999

Record 101 of 137

Title: Why does cisplatin reach guanine-N7 with competing S-donor ligands available in the cell?

Author(s): Reedijk, J (Reedijk, J)

Source: CHEMICAL REVIEWS Volume: 99 Issue: 9 Pages: 2499-2510 DOI: 10.1021/cr980422f Published: SEP 1999

Record 102 of 137

Title: Studies on the interaction of histidyl containing peptides with palladium(II) and platinum(II) complex ions

Author(s): Tsiveriotis, P (Tsiveriotis, P); Hadjiliadis, N (Hadjiliadis, N)

Source: COORDINATION CHEMISTRY REVIEWS Volume: 192 Pages: 171-184 Published: SEP 1999

Conference Title: XXXIII International Conference on Coordination Chemistry

Conference Date: AUG 30-SEP 04, 1998

Conference Location: FLORENCE, ITALY

Record 103 of 137

Title: [Pt(dien)](2+) migrates intramolecularly from methionine S to imidazole N-epsilon 2 in the peptides H-His-Gly-Met-OH and Ac-His-Ala-Ala-Ala-Met-NHPh

Author(s): Hahn, M (Hahn, M); Wolters, D (Wolters, D); Sheldrick, WS (Sheldrick, WS); Hulsbergen, FB (Hulsbergen, FB); Reedijk, J (Reedijk, J)

Source: JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY Volume: 4 Issue: 4 Pages: 412-420 DOI: 10.1007/s007750050327 Published: AUG 1999

Record 104 of 137

Title: Synthesis, structure, biological activity, and DNA binding of platinum(II) complexes of the type trans-[PtCl₂(NH₃)L] (L = planar nitrogen base). Effect of L and cis/trans isomerism on sequence specificity and unwinding properties observed in globally platinated DNA

Author(s): Bierbach, U (Bierbach, U); Qu, Y (Qu, Y); Hambley, TW (Hambley, TW); Peroutka, J (Peroutka, J); Nguyen, HL (Nguyen, HL); Doedee, M (Doedee, M); Farrell, N (Farrell, N)

Source: INORGANIC CHEMISTRY Volume: 38 Issue: 15 Pages: 3535-3542 DOI: 10.1021/ic981181x Published: JUL 26 1999

Record 105 of 137

Title: Interaction of the anti-cancer drug cisplatin with phosphatidylserine in intact and semi-intact cells

Author(s): Burger, KNJ (Burger, KNJ); Staffhorst, RWHM (Staffhorst, RWHM); De Kruijff, B (De Kruijff, B)

Source: BIOCHIMICA ET BIOPHYSICA ACTA-BIOMEMBRANES Volume: 1419 Issue: 1 Pages: 43-54 DOI: 10.1016/S0005-2736(99)00052-8 Published: JUN 9 1999

Record 106 of 137

Title: Interactions of organometallic anticancer agents with nucleotides and DNA

Author(s): Yang, P (Yang, P); Guo, ML (Guo, ML)

Source: COORDINATION CHEMISTRY REVIEWS Volume: 185-6 Pages: 189-211 DOI: 10.1016/S0010-8545(98)00268-9 Published: MAY 1999

Conference Title: XXXIII International Conference on Coordination Chemistry

Conference Date: AUG 30-SEP 04, 1998

Conference Location: FLORENCE, ITALY

Record 107 of 137

Title: kappa N-2(imidazole), S(thioether) macrochelation of [Pt(en)](2+) (en=H₂NCH₂CH₂NH₂) by terminal histidine and methionine side-chains in tri-, tetra- and penta-peptides

Author(s): Wolters, D (Wolters, D); Sheldrick, WS (Sheldrick, WS)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 7 Pages: 1121-1129 DOI: 10.1039/a809044k Published: APR 7 1999

Record 108 of 137

Title: Platinum-thioether bonds can be reverted by guanine-N7 bonds in Pt(dien)(2+) model adducts

Author(s): van Boom, SSGE (van Boom, SSGE); Chen, BW (Chen, BW); Teuben, JM (Teuben, JM); Reedijk, J (Reedijk, J)

Source: INORGANIC CHEMISTRY Volume: 38 Issue: 7 Pages: 1450-1455 DOI: 10.1021/ic981086o Published: APR 5 1999

Record 109 of 137

Title: Studies on Pt-S bonds. Complexes of methylsulfanyl- and methylsulfynil-acetate, benzoate and phenolate with the diethylenetriamineplatinum(II) moiety

Author(s): Pasini, A (Pasini, A); Fiore, C (Fiore, C)

Source: INORGANICA CHIMICA ACTA Volume: 285 Issue: 2 Pages: 249-253 DOI: 10.1016/S0020-1693(98)00347-8 Published: FEB 15 1999

Record 110 of 137

Title: Substitution reactions of platinum(II)-nucleobase complexes by associative mechanism involving pseudorotation of the five-coordinate intermediate

Author(s): Mikola, M (Mikola, M); Klika, KD (Klika, KD); Hakala, A (Hakala, A); Arpalahti, J (Arpalahti, J)

Source: INORGANIC CHEMISTRY Volume: 38 Issue: 3 Pages: 571-578 DOI: 10.1021/ic9810945 Published: FEB 8 1999

Record 111 of 137

Title: Impact of Cisplatin on the recent development of Pt coordination chemistry: a case study

Author(s): Lippert, B (Lippert, B)

Source: COORDINATION CHEMISTRY REVIEWS Volume: 182 Pages: 263-295 DOI: 10.1016/S0010-8545(98)00192-1 Published: FEB 1999

Record 112 of 137

Title: Metals in medicine

Author(s): Guo, ZJ (Guo, ZJ); Sadler, PJ (Sadler, PJ)

Source: ANGEWANDTE CHEMIE-INTERNATIONAL EDITION Volume: 38 Issue: 11 Pages: 1513-1531 Published: 1999

Record 113 of 137

Title: Platinum(II) complexes with l-amino-4-thiapentylphosphonic acid and its diethyl ester - Spectroscopic, electrospray mass spectrometric and X-ray studies

Author(s): Matczak-Jon, E (Matczak-Jon, E); Sawka-Dobrowolska, W (Sawka-Dobrowolska, W); Dobrzynska, D (Dobrzynska, D); Hoffmann, M (Hoffmann, M)

Source: POLYHEDRON Volume: 18 Issue: 16 Pages: 2169-2176 DOI: 10.1016/S0277-5387(99)00110-2 Published: 1999

Record 114 of 137

Title: DNA cross-linking agents as antitumor drugs

Author(s): Rajski, SR (Rajski, SR); Williams, RM (Williams, RM)

Source: CHEMICAL REVIEWS Volume: 98 Issue: 8 Pages: 2723-2795 DOI: 10.1021/cr9800199 Published: DEC 1998

Record 115 of 137

Title: Structural and reactivity studies on the ternary system guanine/methionine/trans-[PtCl₂(NH₃)L] (L = NH₃, quinoline): implications for the mechanism of action of nonclassical trans-platinum antitumor complexes

Author(s): Bierbach, U (Bierbach, U); Farrell, N (Farrell, N)

Source: JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY Volume: 3 Issue: 6 Pages: 570-580 DOI: 10.1007/s007750050270 Published: DEC 1998

Record 116 of 137

Title: Structural and kinetic studies on the formation of platinum(II) and palladium(II) complexes with L-cysteine-derived ligands

Author(s): Rau, T (Rau, T); Alsfasser, R (Alsfasser, R); Zahl, A (Zahl, A); van Eldik, R (van Eldik, R)

Source: INORGANIC CHEMISTRY Volume: 37 Issue: 17 Pages: 4223-4230 DOI: 10.1021/ic9711574 Published: AUG 24 1998

Record 117 of 137

Title: Interconversion between S- and N-bound L-methionine adducts of pt(dien)(2+) (dien = diethylenetriamine) via dien ring-opened intermediates

Author(s): Chen, Y (Chen, Y); Guo, ZJ (Guo, ZJ); Murdoch, PD (Murdoch, PD); Zang, EL (Zang, EL); Sadler, PJ (Sadler, PJ)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 9 Pages: 1503-1508 DOI: 10.1039/a709282b Published: MAY 7 1998

Record 118 of 137

Title: Metal complexes in medicine: Design and mechanism of action

Author(s): Sadler, PJ (Sadler, PJ); Guo, ZJ (Guo, ZJ)

Source: PURE AND APPLIED CHEMISTRY Volume: 70 Issue: 4 Pages: 863-871 DOI: 10.1351/pac199870040863 Published: APR 1998

Conference Title: 8th International Conference on Bioinorganic Chemistry

Conference Date: JUL 27-AUG 01, 1997

Conference Location: YOKOHAMA, JAPAN

Record 119 of 137

Title: Modification of platinum(II) antitumor complexes with sulfur ligands. 1. Synthesis, structure, and spectroscopic properties of cationic complexes of the types [PtCl(diamine)(L)]NO₃ and [{PtCl(diamine)}₂(L-L)(NO₃)(2) (L = Monofunctional thiourea derivative; L-L = bifunctional thiourea derivative)

Author(s): Bierbach, U (Bierbach, U); Hambley, TW (Hambley, TW); Farrell, N (Farrell, N)

Source: INORGANIC CHEMISTRY Volume: 37 Issue: 4 Pages: 708-716 DOI: 10.1021/ic970420y Published: FEB 23 1998

Record 120 of 137

Title: Modification of platinum(II) antitumor complexes with sulfur ligands. 2. Reactivity and nucleotide binding properties of cationic complexes of the types $[PtCl(diamine)(L)]NO_3$ and $[PtCl(diamine)]_2(L-L)(NO_3)_2$ (L = monofunctional thiourea derivative; L-L = bifunctional thiourea derivative) in relation to their cytotoxicity

Author(s): Bierbach, U (Bierbach, U); Roberts, JD (Roberts, JD); Farrell, N (Farrell, N)

Source: INORGANIC CHEMISTRY Volume: 37 Issue: 4 Pages: 717-723 DOI: 10.1021/ic970421q

Published: FEB 23 1998

Record 121 of 137

Title: Cleavage of the Pt-S bond of thiolated terpyridine-platinum(II) complexes by copper(II) and zinc(II) ions in phosphate buffer

Author(s): Cheng, CC (Cheng, CC); Lu, YL (Lu, YL)

Source: CHEMICAL COMMUNICATIONS Issue: 2 Pages: 253-254 DOI: 10.1039/a708152i

Published: JAN 21 1998

Record 122 of 137

Title: Chemical, biochemical and pharmacological activity of the novel sterically hindered platinum co-ordination complex, cis-[amminedichloro(2-methylpyridine)] platinum(II) (AMD473)

Author(s): Holford, J (Holford, J); Raynaud, F (Raynaud, F); Murrer, BA (Murrer, BA); Grimaldi, K (Grimaldi, K); Hartley, JA (Hartley, JA); Abrams, M (Abrams, M); Kelland, LR (Kelland, LR)

Source: ANTI-CANCER DRUG DESIGN Volume: 13 Issue: 1 Pages: 1-18 Published: JAN 1998

Record 123 of 137

Title: Intramolecular competition between histidine and methionine side chains in reactions of dipeptides with $[Pt(en)(H_2O)_2]^{2+}$ (en equals $H_2NCH_2CH_2NH_2$)

Author(s): Frohling, CDW (Frohling, CDW); Sheldrick, WS (Sheldrick, WS)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 22 Pages: 4411-4420 DOI: 10.1039/a704002d Published: NOV 21 1997

Record 124 of 137

Title: Intramolecular migration of co-ordinated platinum from a sulfur to N-7 in the nucleopeptide Met-d(TpG) (5'-O-methioninate-N-ylcarbonylthymidine 2'-deoxyguanosine monophosphate)

Author(s): Teuben, JM (Teuben, JM); vanBoom, SSGE (vanBoom, SSGE); Reedijk, J (Reedijk, J)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 21 Pages: 3979-3980 DOI: 10.1039/a703600k Published: NOV 7 1997

Conference Title: Bioinorganic Chemistry Dalton Discussion Number 2 Meeting

Conference Date: SEP 02-05, 1997

Conference Location: NORWICH, ENGLAND

Conference Host: UNIV E ANGLIA

Record 125 of 137

Title: Donor atom preferences in complexes of platinum and palladium with amino acids and related molecules

Author(s): Appleton, TG (Appleton, TG)

Source: COORDINATION CHEMISTRY REVIEWS Volume: 166 Pages: 313-359 DOI: 10.1016/S0010-8545(97)00047-7 Published: NOV 1997

Record 126 of 137

Title: Intramolecular migration of $[Pt(dien)]^{2+}$ (dien = 1,5-diamino-3-azapentane) from sulfur to imidazole-N-1 in histidylmethionine (his-metH)

Author(s): Frohling, CDW (Frohling, CDW); Sheldrick, WS (Sheldrick, WS)

Source: CHEMICAL COMMUNICATIONS Issue: 18 Pages: 1737-1738 DOI: 10.1039/a702904g Published: SEP 21 1997

Record 127 of 137

Title: Complexing properties of diastereoisomers of 1-(L-methionylamino)ethylphosphonic acid

Author(s): Lukes, I (Lukes, I); Blaha, L (Blaha, L); Kesner, F (Kesner, F); Rohovec, J (Rohovec, J); Hermann, P (Hermann, P)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 15 Pages: 2629-2637 DOI: 10.1039/a607316f Published: AUG 7 1997

Record 128 of 137

Title: Pd(II) and Pt(II) complexes of 2-phenyl- and 2-benzyl-imidazoline: Synthesis, structural characterization, DNA modification and in vitro antileukaemic activity

Author(s): Zamora, F (Zamora, F); Gonzalez, VM (Gonzalez, VM); Perez, JM (Perez, JM); Masaguer, JR (Masaguer, JR); Alonso, C (Alonso, C); NavarroRanninger, C (NavarroRanninger, C)

Source: APPLIED ORGANOMETALLIC CHEMISTRY Volume: 11 Issue: 8 Pages: 659-666 Published: AUG 1997

Record 129 of 137

Title: A convenient synthesis of N-15-labeled diethylenetriamine [(N-15)Dien] and ethylenediamine [(N-15)En]

Author(s): Zang, E (Zang, E); Sadler, PJ (Sadler, PJ)

Source: SYNTHESIS-STUTTGART Issue: 4 Pages: 410-& Published: APR 1997

Record 130 of 137

Title: Studies on Pt-S bonds. Competition of chelating methylsulfanyl- or methylsulfinyl-acetate, -benzoate and -phenolate for Pt-II(H₂NCH₂CH₂NH₂)

Author(s): Pasini, A (Pasini, A); Moroni, M (Moroni, M)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 6 Pages: 1093-1097 DOI: 10.1039/a605475g Published: MAR 21 1997

Record 131 of 137

Title: Chelate-ring-opened adducts of [Pt(en)(Me-Mal-O,O')] (en equals ethane-1,2-diamine, Me-Mal equals 2-methylmalonate) with methionine derivatives: Relevance to the biological activity of platinum anticancer agents

Author(s): Guo, ZJ (Guo, ZJ); Hambley, TW (Hambley, TW); Murdoch, PD (Murdoch, PD); Sadler, PJ (Sadler, PJ); Frey, U (Frey, U)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 4 Pages: 469-478 DOI: 10.1039/a604210d Published: FEB 21 1997

Record 132 of 137

Title: Kinetic analysis of the cis-diamminedichloroplatinum(II)-cysteine reaction: Implications to the extent of platinum-DNA binding

Author(s): Bose, RN (Bose, RN); Ghosh, SK (Ghosh, SK); Moghaddas, S (Moghaddas, S)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 65 Issue: 3 Pages: 199-205 DOI: 10.1016/S0162-0134(96)00133-X Published: FEB 15 1997

Record 133 of 137

Title: Targeting of pallada- and platinacycles to the N-((tert-butyloxy)carbonyl)-L-methionine p-nitrophenyl ester for promotion of the ester cleavage

Author(s): Krooglyak, EV (Krooglyak, EV); Kazankov, GM (Kazankov, GM); Kurzeev, SA (Kurzeev, SA); Polyakov, VA (Polyakov, VA); Semenov, AN (Semenov, AN); Ryabov, AD (Ryabov, AD)

Source: INORGANIC CHEMISTRY Volume: 35 Issue: 16 Pages: 4804-4806 DOI: 10.1021/ic951180u Published: JUL 31 1996

Record 134 of 137

Title: Stabilization of monofunctional platinum-nucleotide adducts: Reactions of N-acetyl-L-methionine complexes with guanosine 5'-monophosphate and guanylyl(3'-5')guanosine

Author(s): Barnham, KJ (Barnham, KJ); Guo, ZJ (Guo, ZJ); Sadler, PJ (Sadler, PJ)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 13 Pages: 2867-2876 DOI: 10.1039/dt9960002867 Published: JUL 7 1996

Record 135 of 137

Title: Improved understanding in platinum antitumour chemistry

Author(s): Reedijk, J (Reedijk, J)

Source: CHEMICAL COMMUNICATIONS Issue: 7 Pages: 801-806 DOI: 10.1039/cc9960000801 Published: APR 7 1996

Record 136 of 137

Title: Synthesis and antitumor activity of new trans-1R,2R-diaminocyclohexaneplatinum(II) complexes containing disubstituted sulfide groups

Author(s): Shamsuddin, S (Shamsuddin, S); AlBaker, S (AlBaker, S); Siddik, ZH (Siddik, ZH); Khokhar, AR (Khokhar, AR)

Source: INORGANICA CHIMICA ACTA Volume: 241 Issue: 2 Pages: 101-104 DOI: 10.1016/0020-1693(95)04735-2 Published: JAN 15 1996

Record 137 of 137

Title: Cisplatin and derived anticancer drugs: Mechanism and current status of DNA binding

Author(s): Bloemink, MJ (Bloemink, MJ); Reedijk, J (Reedijk, J)

Source: METAL IONS IN BIOLOGICAL SYSTEMS, VOL 32 Book Series: METAL IONS IN BIOLOGICAL SYSTEMS Volume: 32 Pages: 641-685 Published: 1996

BARNHAM KJ, 1994, J CHEM SOC CHEM COMM, P65, DOI 10.1039/c39940000065
BARNHAM KJ, 1994, CHEM COMMUN, P65

Record 1 of 27

Title: CRYSTAL STRUCTURE OF DIAMMINE(MALONATO)PALLADIUM(II)

Author(s): Ye, QS (Ye, Q. -S.); Xie, MJ (Xie, M. -J.); Liu, WP (Liu, W. -P.); Xia, WZ (Xia, W. -Zh.); Chen, XZ (Chen, X. -Zh.); Chang, QW (Chang, Q. -W.); Yu, Y (Yu, Y.)

Source: JOURNAL OF STRUCTURAL CHEMISTRY Volume: 52 Issue: 1 Pages: 212-215 Published: FEB 2011

Record 2 of 27

Title: The first report on specific binding mode of diethylmalonate acting as a bridging ligand between ruthenium (II) ions stabilized by intramolecular hydrogen bonds

Author(s): Srivastava, RS (Srivastava, Radhey S.); Fronczek, FR (Fronczek, Frank R.)

Source: INORGANICA CHIMICA ACTA Volume: 362 Issue: 8 Pages: 2650-2653 DOI: 10.1016/j.ica.2008.12.003 Published: JUN 2009

Record 3 of 27

Title: Platination of superoxide dismutase with cisplatin: tracking the ammonia ligands using Fourier transform ion cyclotron resonance mass spectrometry (FT-ICR MS)

Author(s): Weidt, SK (Weidt, Stefan K.); Mackay, CL (Mackay, C. Logan); Langridge-Smith, PRR (Langridge-Smith, Pat R. R.); Sadler, PJ (Sadler, Peter J.)

Source: CHEMICAL COMMUNICATIONS Issue: 17 Pages: 1719-1721 DOI: 10.1039/b701903c Published: 2007

Record 4 of 27

Title: (Benzene-1,2-diolato-kappa O-2,O ')(di-2-pyridylamine-kappa N-2,N ')-palladium(II) hemihydrate
 Author(s): Nobuo, O (Nobuo, Okabe); Yu, M (Yu, Mizubayashi); Mamiko, O (Mamiko, Odoko)
 Source: ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE Volume: 62
 Pages: M2778-M2780 DOI: 10.1107/S1600536806039419 Part: 11 Published: NOV 2006

Record 5 of 27

Title: Synthesis and structural characterisation of new mono and dinuclear pyrazolatopalladium (II) complexes self-assembled through robust hydrogen-bonds
 Author(s): Ara, I (Ara, Irene); Falvello, LR (Falvello, Larry R.); Fornies, J (Fornies, Juan); Lasheras, R (Lasheras, Roberto); Martin, A (Martin, Antonio); Oliva, O (Oliva, Oscar); Sicilia, V (Sicilia, Violeta)
 Source: INORGANICA CHIMICA ACTA Volume: 359 Issue: 14 Pages: 4574-4584 DOI: 10.1016/j.ica.2006.07.036 Published: NOV 1 2006

Record 6 of 27

Title: Combined effects of diamines and carboxylate bridges on structural and magnetic properties of a series of polynuclear copper(II) complexes with 1,1-cyclobutanedicarboxylic acid
 Author(s): Baldoma, R (Baldoma, Raul); Monfort, M (Monfort, Montserrat); Ribas, J (Ribas, Joan); Solans, X (Solans, Xavier); Maestro, MA (Maestro, Miguel A.)
 Source: INORGANIC CHEMISTRY Volume: 45 Issue: 20 Pages: 8144-8155 DOI: 10.1021/ic060797g Published: OCT 2 2006

Record 7 of 27

Title: (Malonato-kappa O-2,O ')(1,10-phenanthroline-kappa N-2,N ')-palladium(II)
 Author(s): Okabe, N (Okabe, Nobuo); Muranishi, Y (Muranishi, Yasunori); Odoko, M (Odoko, Mamiko)
 Source: ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE Volume: 62
 Pages: M1471-M1473 DOI: 10.1107/S1600536806020113 Part: 7 Published: JUL 2006

Record 8 of 27

Title: The unprecedented bridging coordination mode of 1,1-cyclobutane dicarboxylate (μ -cbdc-O,O') stabilized by intramolecular hydrogen bonds in ruthenium(II) complexes
 Author(s): Bratsos, I (Bratsos, I); Zangrando, E (Zangrando, E); Serli, B (Serli, B); Katsaros, N (Katsaros, N); Alessio, E (Alessio, E)
 Source: DALTON TRANSACTIONS Issue: 24 Pages: 3881-3885 DOI: 10.1039/b503412d
 Published: DEC 21 2005

Record 9 of 27

Title: (1,1-Cyclobutanedicarboxylato-kappa O-2,O ')-(2,2'-biquinoline-kappa N-2,N ')-palladium(II) monohydrate
 Author(s): Okabe, N (Okabe, N); Muranishi, Y (Muranishi, Y); Odoko, M (Odoko, M)
 Source: ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE Volume: 61
 Pages: M2060-M2062 DOI: 10.1107/S160053680502965X Part: 10 Published: OCT 2005

Record 10 of 27

Title: Synthesis, thermal, mass and ab initio analyses of cyclopropane-1,1,2-tricarboxylic acid
 Author(s): Taoana, TLN (Taoana, TLN); Holme, T (Holme, T); Bariyanga, J (Bariyanga, J)
 Source: JOURNAL OF MOLECULAR STRUCTURE Volume: 694 Issue: 1-3 Pages: 173-178 DOI: 10.1016/j.molstruc.2004.03.018 Published: JUN 7 2004

Record 11 of 27

Title: (2,2'-bipyridine-kappa N-2,N')(2,3-naphthalenediolato-kappa O-2,O')palladium(II) and (2,2'-bipuinoline-kappa N-2,N')(2,3-naphthalenediolato-kappa O-2,O')palladium(II)

Author(s): Okabe, N (Okabe, N); Hagihara, K (Hagihara, K); Odoko, M (Odoko, M); Muranishi, Y (Muranishi, Y)

Source: ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS

Volume: 60 Pages: M150-M152 DOI: 10.1107/S0108270104002690 Part: 4 Published: APR 2004

Record 12 of 27

Title: (2,2'-Bipyridine-kappa N-2,N')(1,1-cyclobutanedicarboxylato-kappa O-2,O')-palladium(II), (1,1-cyclobutanedicarboxylato-kappa O-2,O')(1,10-phenanthroline-kappa N-2,N')palladium(II) monohydrate and (1,1-cyclobutane-dicarboxylato-kappa O-2,O')(1,10-phenanthroline-kappa N-2,N')palladium(II) dihydrate

Author(s): Muranishi, Y (Muranishi, Y); Okabe, N (Okabe, N)

Source: ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS

Volume: 60 Pages: M47-M50 DOI: 10.1107/S0108270103028130 Part: 2 Published: FEB 2004

Record 13 of 27

Title: Chemical and biological studies of the dichloro(2-phenylpyridine) gold(III) complex and its derivatives

Author(s): Fan, DM (Fan, DM); Yang, CT (Yang, CT); Ranford, JD (Ranford, JD); Lee, PF (Lee, PF); Vittal, JJ (Vittal, JJ)

Source: DALTON TRANSACTIONS Issue: 13 Pages: 2680-2685 DOI: 10.1039/b303297c

Published: JUL 7 2003

Record 14 of 27

Title: Synthesis, characterization, solution equilibria and DNA binding of some mixed-ligand palladium(II) complexes. Thermodynamic models for carboplatin drug and analogous compounds

Author(s): Tercero, JM (Tercero, JM); Matilla, A (Matilla, A); Sanjuan, MA (Sanjuan, MA); Moreno, CF (Moreno, CF); Martin, JD (Martin, JD); Walmsley, JA (Walmsley, JA)

Source: INORGANICA CHIMICA ACTA Volume: 342 Pages: 77-87 Article Number: DOI:

10.1016/S0020-1693(02)01071-X Published: JAN 10 2003

Record 15 of 27

Title: DFT conformation and IR spectra of 1,1-dicarboxycyclobutane

Author(s): Rode, JE (Rode, JE); Dobrowolski, JC (Dobrowolski, JC); Rzaczyńska, Z (Rzaczyńska, Z)

Source: JOURNAL OF MOLECULAR STRUCTURE Volume: 642 Issue: 1-3 Pages: 147-156 Article Number: DOI: 10.1016/S0022-2860(02)00442-8 Published: DEC 4 2002

Record 16 of 27

Title: Acetimine and 2-methyl-2-amino-4-iminopentane complexes of palladium(II)

Author(s): Ruiz, J (Ruiz, J); Rodriguez, V (Rodriguez, V); Cutillas, N (Cutillas, N); Lopez, G (Lopez, G); Perez, J (Perez, J)

Source: ORGANOMETALLICS Volume: 21 Issue: 23 Pages: 4912-4918 DOI: 10.1021/om020434y

Published: NOV 11 2002

Record 17 of 27

Title: Synthesis and characterization of complexes of rare earth elements with 1,1-cyclobutanedicarboxylic acid

Author(s): Rzaczyńska, Z (Rzaczyńska, Z); Bartyzel, A (Bartyzel, A)

Source: JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY Volume: 68 Issue: 3 Pages:

937-949 DOI: 10.1023/A:1016194623364 Published: 2002

Record 18 of 27

Title: Complex formation reactions of (N,N '-dimethylethylenediamine) palladium(II) with various biologically relevant ligands

Author(s): Mohamed, MMA (Mohamed, MMA); Shoukry, MM (Shoukry, MM)

Source: POLYHEDRON Volume: 20 Issue: 3-4 Pages: 343-352 DOI: 10.1016/S0277-5387(00)00612-4 Published: FEB 15 2001

Record 19 of 27

Title: Mixed ligand complexes of diaquo (2,2 '-bipyridine)palladium(II) with cyclobutane-1,1-dicarboxylic acid and DNA constituents

Author(s): Shehata, MR (Shehata, MR)

Source: TRANSITION METAL CHEMISTRY Volume: 26 Issue: 1-2 Pages: 198-204 DOI: 10.1023/A:1007114128293 Published: FEB 2001

Record 20 of 27

Title: Equilibrium studies of mixed ligand complexes involving (1,2-diaminopropane)-palladium(II) and some bioligands

Author(s): Shoukry, MM (Shoukry, MM); Shehata, MR (Shehata, MR); Abdel-Razik, A (Abdel-Razik, A); Abdel-Karim, ATI (Abdel-Karim, ATI)

Source: MONATSFESTE FUR CHEMIE Volume: 130 Issue: 3 Pages: 409-423 DOI: 10.1007/PL00010222 Published: MAR 1999

Record 21 of 27

Title: Complexes of beryllium(II) with substituted malonates. Crystal structure of K-2[Be(C₄H₆(COO)(2))(2)]center dot(H₂O)-H-2

Author(s): Alderighi, L (Alderighi, L); Cecconi, F (Cecconi, F); Ghilardi, CA (Ghilardi, CA); Mederos, A (Mederos, A); Midollini, S (Midollini, S); Orlandini, A (Orlandini, A); Vacca, A (Vacca, A)

Source: POLYHEDRON Volume: 18 Issue: 25 Pages: 3305-3312 DOI: 10.1016/S0277-5387(99)00268-5 Published: 1999

Conference Title: IXth Spanish-Italian and Mediterranean Basin Congress on Thermodynamics of Metal Complexes (SIMEC 98)

Conference Date: 1998

Conference Location: GIRONA, SPAIN

Record 22 of 27

Title: A thermal analysis study of hydrogencyclopropane-1,1-carboxylic acid complexes of cobalt, zinc and manganese

Author(s): Petri, A (Petri, A); Schwarz, T (Schwarz, T); Lentz, A (Lentz, A)

Source: THERMOCHIMICA ACTA Volume: 323 Issue: 1-2 Pages: 131-135 DOI: 10.1016/S0040-6031(98)00510-3 Published: DEC 7 1998

Record 23 of 27

Title: Binding properties and stoichiometries of a palladium(II) complex to metallothioneins in vivo and in vitro

Author(s): Zhang, Q (Zhang, Q); Zhong, WQ (Zhong, WQ); Xing, BG (Xing, BG); Tang, WX (Tang, WX); Chen, YJ (Chen, YJ)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 72 Issue: 3-4 Pages: 195-200 DOI: 10.1016/S0162-0134(98)10080-6 Published: DEC 1998

Record 24 of 27

Title: A thermal analysis study of cyclopropane-1,1-dicarboxylic acid complexes of cobalt, nickel and copper

Author(s): Petri, A (Petri, A); Schwarz, T (Schwarz, T); Lentz, A (Lentz, A)

Source: THERMOCHIMICA ACTA Volume: 317 Issue: 1 Pages: 85-89 DOI: 10.1016/S0040-6031(98)00372-4 Published: JUL 6 1998

Record 25 of 27

Title: Equilibrium studies of complex formation involving palladium(II)-(1,3-diaminopropane) and cyclobutane dicarboxylic acid, DNA units, amino acids or peptides

Author(s): El-Madani, SM (El-Madani, SM); Shohayeb, SM (Shohayeb, SM); Shoukry, MM (Shoukry, MM)

Source: TRANSITION METAL CHEMISTRY Volume: 23 Issue: 3 Pages: 287-293 Published: JUN 1998

Record 26 of 27

Title: Role of o-methylene-bridged bis(aniline) as a spectroscopic probe for the metal coordination environment

Author(s): Lesueur, W (Lesueur, W); Rogers, AJ (Rogers, AJ); Floriani, C (Floriani, C); Chiesi-Villa, A (Chiesi-Villa, A); Rizzoli, C (Rizzoli, C)

Source: INORGANIC CHEMISTRY Volume: 37 Issue: 1 Pages: 44-49 DOI: 10.1021/ic9706010 Published: JAN 12 1998

Record 27 of 27

Title: Complex formation and ligand substitution reactions of (2-picolyamine)palladium(II) with various biologically relevant ligands. Characterization of (2-picolyamine)(1,1-cyclobutanedicarboxylato)palladium(II)

Author(s): Rau, T (Rau, T); Shoukry, M (Shoukry, M); vanEldik, R (vanEldik, R)

Source: INORGANIC CHEMISTRY Volume: 36 Issue: 7 Pages: 1454-1463 DOI: 10.1021/ic961192v Published: MAR 26 1997

BAL W, 1994, J CHEM SOC CHEM COMM, P1889, DOI 10.1039/c39940001889

Bal W., 1994, J CHEM SOC CHEM COMM, V1889, P1890

Bai W., 1994, CHEM COMMUN, P1889

Record 1 of 73

Title: Solution structure of a designed cyclic peptide ligand for nickel and copper ions

Author(s): Eshelman, MR (Eshelman, Matthew R.); Aldous, AR (Aldous, Amanda R.); Neupane, KP (Neupane, Kosh P.); Kritzer, JA (Kritzer, Joshua A.)

Source: TETRAHEDRON Volume: 70 Issue: 42 Pages: 7651-7654 DOI: 10.1016/j.tet.2014.07.083 Published: OCT 21 2014

Record 2 of 73

Title: The impact of synthetic analogs of histidine on copper(II) and nickel(II) coordination properties to an albumin-like peptide. Possible leads towards new metallodrugs

Author(s): Zawisza, I (Zawisza, Izabela); Mital, M (Mital, Mariusz); Polkowska-Nowakowska, A (Polkowska-Nowakowska, Agnieszka); Bonna, A (Bonna, Arkadiusz); Bal, W (Bal, Wojciech)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 139 Pages: 1-8 DOI: 10.1016/j.jinorgbio.2014.05.011 Published: OCT 2014

Record 3 of 73

Title: Dual catalytic role of the metal ion in nickel-assisted peptide bond hydrolysis
 Author(s): Podobas, EI (Podobas, Ewa Izabela); Bonna, A (Bonna, Arkadiusz); Polkowska-Nowakowska, A (Polkowska-Nowakowska, Agnieszka); Bal, W (Bal, Wojciech)
 Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 136 Pages: 107-114 DOI: 10.1016/j.jinorgbio.2014.03.008 Published: JUL 2014

Record 4 of 73

Title: DNA Binding Dynamics and Energetics of Cobalt, Nickel, and Copper Metallopeptides
 Author(s): Galindo-Murillo, R (Galindo-Murillo, Rodrigo); Cheatham, TE (Cheatham, Thomas E., III)
 Source: CHEMMEDCHEM Volume: 9 Issue: 6 Special Issue: SI Pages: 1252-1259 DOI: 10.1002/cmdc.201402020 Published: JUN 2014

Record 5 of 73

Title: Sequence-Specific Cu(II)-Dependent Peptide Bond Hydrolysis: Similarities and Differences with the Ni(II)-Dependent Reaction
 Author(s): Belczyk-Ciesielska, A (Belczyk-Ciesielska, Agnieszka); Zawisza, IA (Zawisza, Izabela A.); Mital, M (Mital, Mariusz); Bonna, A (Bonna, Arkadiusz); Bal, W (Bal, Wojciech)
 Source: INORGANIC CHEMISTRY Volume: 53 Issue: 9 Pages: 4639-4646 DOI: 10.1021/ic5003176 Published: MAY 5 2014

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Title: Interaction of Cu(II) and Ni(II) with Ypk9 Protein Fragment via NMR Studies
 Author(s): Peana, MF (Peana, Massimiliano Francesco); Medici, S (Medici, Serenella); Ledda, A (Ledda, Alessia); Nurchi, VM (Nurchi, Valeria Marina); Zoroddu, AA (Zoroddu, Andmaria Antonietta)
 Source: SCIENTIFIC WORLD JOURNAL Article Number: 656201 DOI: 10.1155/2014/656201 Published: 2014

Record 7 of 73

Title: Effect of ligand substituent on the reactivity of Ni(II) complexes towards oxygen
 Author(s): Ghorai, S (Ghorai, Samir); Mukherjee, C (Mukherjee, Chandan)
 Source: DALTON TRANSACTIONS Volume: 43 Issue: 2 Pages: 394-397 DOI: 10.1039/c3dt52072b Published: 2014

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Title: Binding of transition metal ions to albumin: Sites, affinities and rates
 Author(s): Bal, W (Bal, Wojciech); Sokolowska, M (Sokolowska, Magdalena); Kurowska, E (Kurowska, Ewa); Faller, P (Faller, Peter)
 Source: BIOCHIMICA ET BIOPHYSICA ACTA-GENERAL SUBJECTS Volume: 1830 Issue: 12 Special Issue: SI Pages: 5444-5455 DOI: 10.1016/j.bbagen.2013.06.018 Published: DEC 2013

Record 9 of 73

Title: The Involvement of Amino Acid Side Chains in Shielding the Nickel Coordination Site: An NMR Study
 Author(s): Medici, S (Medici, Serenella); Peana, M (Peana, Massimiliano); Nurchi, VM (Nurchi, Valeria Marina); Zoroddu, MA (Zoroddu, Maria Antonietta)
 Source: MOLECULES Volume: 18 Issue: 10 Pages: 12396-12414 DOI: 10.3390/molecules181012396 Published: OCT 2013

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Title: Sequence-specific Ni(II)-dependent peptide bond hydrolysis for protein engineering: Active sequence optimization

Author(s): Protas, AM (Protas, Anna Maria); Ariani, HHN (Ariani, Hanieh Hossein Nejad); Bonna, A (Bonna, Arkadiusz); Polkowska-Nowakowska, A (Polkowska-Nowakowska, Agnieszka); Poznanski, J (Poznanski, Jaroslaw); Bal, W (Bal, Wojciech)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 127 Pages: 99-106 DOI: 10.1016/j.jinorgbio.2013.07.037 Published: OCT 2013

Record 11 of 73

Title: Effect of D-Amino Acid Substitutions on Ni(II)-Assisted Peptide Bond Hydrolysis

Author(s): Ariani, HH (Ariani, Hanieh H.); Polkowska-Nowakowska, A (Polkowska-Nowakowska, Agnieszka); Bal, W (Bal, Wojciech)

Source: INORGANIC CHEMISTRY Volume: 52 Issue: 5 Pages: 2422-2431 DOI: 10.1021/ic3022672 Published: MAR 4 2013

Record 12 of 73

Title: Controlling the Chiral Inversion Reaction of the Metallopeptide Ni-Asparagine-Cysteine-Cysteine with Dioxxygen

Author(s): Glass, AM (Glass, Amanda M.); Krause, ME (Krause, Mary E.); Laurence, JS (Laurence, Jennifer S.); Jackson, TA (Jackson, Timothy A.)

Source: INORGANIC CHEMISTRY Volume: 51 Issue: 18 Pages: 10055-10063 DOI: 10.1021/ic301717q Published: SEP 17 2012

Record 13 of 73

Title: Salivary histatin-5, a physiologically relevant ligand for Ni(II) ions

Author(s): Kurowska, E (Kurowska, Ewa); Bonna, A (Bonna, Arkadiusz); Goch, G (Goch, Grazyna); Bal, W (Bal, Wojciech)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 105 Issue: 9 Pages: 1220-1225 DOI: 10.1016/j.jinorgbio.2011.06.002 Published: SEP 2011

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Title: Nickel(II)-Dipeptidoamine-Based Tetrameric Complex: Structural Study in Solution and in Solid State

Author(s): Selmeczi, K (Selmeczi, Katalin); Gizzi, P (Gizzi, Patrick); Champmartin, D (Champmartin, Delphine); Rubini, P (Rubini, Patrice); Aubert, E (Aubert, Emmanuel); Dahaoui, S (Dahaoui, Slimane); Henry, B (Henry, Bernard)

Source: INORGANIC CHEMISTRY Volume: 49 Issue: 18 Pages: 8222-8229 DOI: 10.1021/ic101167f Published: SEP 20 2010

Record 15 of 73

Title: Sequence-Specific Ni(II)-Dependent Peptide Bond Hydrolysis for Protein Engineering: Reaction Conditions and Molecular Mechanism

Author(s): Kopera, E (Kopera, Edyta); Krezel, A (Krezel, Artur); Protas, AM (Protas, Anna Maria); Belczyk, A (Belczyk, Agnieszka); Bonna, A (Bonna, Arkadiusz); Wyslouch-Cieszyńska, A (Wyslouch-Cieszyńska, Aleksandra); Poznanski, J (Poznanski, Jaroslaw); Bal, W (Bal, Wojciech)

Source: INORGANIC CHEMISTRY Volume: 49 Issue: 14 Pages: 6636-6645 DOI: 10.1021/ic1005709 Published: JUL 19 2010

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Title: Bisamidate and Mixed Amine/Amidate NiN₂S₂ Complexes as Models for Nickel-Containing Acetyl Coenzyme A Synthase and Superoxide Dismutase: An Experimental and Computational Study
 Author(s): Mathrubootham, V (Mathrubootham, Vaidyanathan); Thomas, J (Thomas, Jason); Staples, R (Staples, Richard); McCracken, J (McCracken, John); Shearer, J (Shearer, Jason); Hegg, EL (Hegg, Eric L.)

Source: INORGANIC CHEMISTRY Volume: 49 Issue: 12 Pages: 5393-5406 DOI: 10.1021/ic9023053 Published: JUN 21 2010

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Title: The Possible Role of 94-125 Peptide Fragment of Histone H2B in Nickel-Induced Carcinogenesis

Author(s): Nunes, AM (Nunes, Ana Monica); Zavitsanos, K (Zavitsanos, Kimon); Del Conte, R (Del Conte, Rebecca); Malandrinos, G (Malandrinos, Gerasimos); Hadjiliadis, N (Hadjiliadis, Nick)

Source: INORGANIC CHEMISTRY Volume: 49 Issue: 12 Pages: 5658-5668 DOI: 10.1021/ic1005665 Published: JUN 21 2010

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Title: Sequence-Specific Ni(II)-Dependent Peptide Bond Hydrolysis for Protein Engineering. Combinatorial Library Determination of Optimal Sequences

Author(s): Krezel, A (Krezel, Artur); Kopera, E (Kopera, Edyta); Protas, AM (Protas, Anna Maria); Poznanski, J (Poznanski, Jaroslaw); Wyslouch-Cieszyńska, A (Wyslouch-Cieszyńska, Aleksandra); Bal, W (Bal, Wojciech)

Source: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY Volume: 132 Issue: 10 Pages: 3355-3366 DOI: 10.1021/ja907567r Published: MAR 17 2010

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Title: Copper Transfer from Cu-A beta to Human Serum Albumin Inhibits Aggregation, Radical Production and Reduces A beta Toxicity

Author(s): Perrone, L (Perrone, Lorena); Mothes, E (Mothes, Emmanuelle); Vignes, M (Vignes, Maeva); Mockel, A (Mockel, Anaïs); Figueroa, C (Figueroa, Cindy); Miquel, MC (Miquel, Marie-Christine); Maddelein, ML (Maddelein, Marie-Lise); Faller, P (Faller, Peter)

Source: CHEMBIOCHEM Volume: 11 Issue: 1 Pages: 110-118 DOI: 10.1002/cbic.200900474 Published: JAN 4 2010

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Title: Investigation on the Interactions of NiCR and NiCR-2H with DNA

Author(s): Chitranshi, P (Chitranshi, Priyanka); Chen, CN (Chen, Chang-Nan); Jones, PR (Jones, Patrick R.); Faridi, JS (Faridi, Jesika S.); Xue, LA (Xue, Liang)

Source: BIOINORGANIC CHEMISTRY AND APPLICATIONS Article Number: 619436 DOI: 10.1155/2010/619436 Published: 2010

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Title: Effect of some antioxidants on oxidative DNA damage induced by autoxidation of microquantities of sulfite in the presence of Ni(II)/Gly-Gly-L-His

Author(s): Alipazaga, MV (Alipazaga, Maria V.); Moya, HD (Moya, Horacio Dorigan); Coichev, N (Coichev, Nina)

Source: JOURNAL OF COORDINATION CHEMISTRY Volume: 63 Issue: 14-16 Pages: 2450-2460 DOI: 10.1080/00958972.2010.491544 Published: 2010

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Title: Spectroscopic and thermodynamic determination of three distinct binding sites for Co(II) ions in human serum albumin

Author(s): Sokolowska, M (Sokolowska, Magdalena); Wszelaka-Rylik, M (Wszelaka-Rylik, Malgorzata); Poznanski, J (Poznanski, Jaroslaw); Bal, W (Bal, Wojciech)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 103 Issue: 7 Pages: 1005-1013

DOI: 10.1016/j.jinorgbio.2009.04.011 Published: JUL 2009

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Title: Synthesis and characterization of three novel molybdenum(VI) complexes: Mononuclear $[\text{MoO}_2(\text{C}_6\text{H}_4(\text{O})\text{CH}=\text{NCH}(\text{COO})\text{CH}_2\text{C}=\text{O}(\text{NH}_2))]$, $[\text{MoO}_2(\text{C}_{19}\text{H}_{19}\text{N}_2\text{O}_5)(\text{CH}_3\text{OH})]\text{Cl}$ center dot CH_3OH and dinuclear $[\text{Mo}_2\text{O}_4(\text{C}_6\text{H}_4(\text{O})\text{CH}=\text{NCH}(\text{COO})\text{CH}_2\text{C}=\text{O}(\text{NH}_2))_2]$

Author(s): Cindric, M (Cindric, Marina); Galin, G (Galin, Gordana); Matkovi-Calogovic, D (Matkovi-Calogovic, Dubravka); Novak, P (Novak, Predrag); Hrenar, T (Hrenar, Tomica); Ljubic, I (Ljubic, Ivan); Novak, TK (Novak, Tanja Kajfez)

Source: POLYHEDRON Volume: 28 Issue: 3 Pages: 562-568 DOI: 10.1016/j.poly.2008.11.058

Published: FEB 24 2009

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Title: DNA Minor Groove Recognition by Ni(II)center dot and Cu(II)center dot Gly-Gly-His Derived Metallopeptides Models of Protein and Natural Product DNA Recognition

Author(s): Long, EC (Long, Eric C.); Fang, YY (Fang, Ya-Yin); Lewis, MA (Lewis, Mark A.)

Edited by: Long EC; Baldwin MJ

Source: BIOINORGANIC CHEMISTRY: CELLULAR SYSTEMS AND SYNTHETIC MODELS Book

Series: ACS Symposium Series Volume: 1012 Pages: 219-241 Published: 2009

Conference Title: 39th Annual Meeting of the Central Region of the American-Chemical-Society

Conference Date: MAY 20-23, 2007

Conference Location: Covington, KY

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Title: Interaction of histone H2B (fragment 63-93) with Ni(II). An NMR study

Author(s): Nunes, AMPC (Nunes, Ana Monica P. C.); Zavitsanos, K (Zavitsanos, Kimon); Del Conte, R (Del Conte, Rebecca); Malandrinos, G (Malandrinos, Gerasimos); Hadjiliadis, N (Hadjiliadis, Nick)

Source: DALTON TRANSACTIONS Issue: 11 Pages: 1904-1913 DOI: 10.1039/b817411c

Published: 2009

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Title: An NMR study on nickel binding sites in Cap43 protein fragments

Author(s): Zoroddu, MA (Zoroddu, Maria Antonietta); Peana, M (Peana, Massimiliano); Medici, S (Medici, Serenella); Anedda, R (Anedda, Roberto)

Source: DALTON TRANSACTIONS Issue: 28 Pages: 5523-5534 DOI: 10.1039/b903305j

Published: 2009

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Title: Rotating ring-disk voltammetric investigations on the degradation rate of the nickel(III)-glycylglycyl-L-histidine complex

Author(s): Alipazaga, MV (Alipazaga, Maria V.); Lowinsohn, D (Lowinsohn, Denise); Bertotti, M (Bertotti, Mauro); Coichev, N (Coichev, Nina)

Source: CANADIAN JOURNAL OF CHEMISTRY-REVUE CANADIENNE DE CHIMIE Volume: 85

Issue: 12 Pages: 1064-1069 DOI: 10.1139/V07-128 Published: DEC 2007

Record 28 of 73

Title: Dioxygen activation by diiminodipyrromethane complexes of Ni, Pd, and Pt

Author(s): Katayev, EA (Katayev, Evgeny A.); Severin, K (Severin, Kay); Scopelliti, R (Scopelliti, Rosario); Ustynyuk, YA (Ustynyuk, Yuri A.)

Source: INORGANIC CHEMISTRY Volume: 46 Issue: 14 Pages: 5465-5467 DOI: 10.1021/ic700632f Published: JUL 9 2007

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Title: Dioxygen activation at monovalent nickel

Author(s): Kieber-Emmons, MT (Kieber-Emmons, Matthew T.); Riordan, CG (Riordan, Charles G.)

Source: ACCOUNTS OF CHEMICAL RESEARCH Volume: 40 Issue: 7 Pages: 618-625 DOI: 10.1021/ar700043n Published: JUL 2007

Record 30 of 73

Title: Multidimensional NMR spectroscopy for the study of histone H4-Ni(II) interaction

Author(s): Zoroddu, MA (Zoroddu, Maria Antonietta); Peana, M (Peana, Massimiliano); Medici, S (Medici, Serenella)

Source: DALTON TRANSACTIONS Issue: 3 Pages: 379-384 DOI: 10.1039/b610725g Published: 2007

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Title: Molecular dynamics simulations of the orientation of Ni(II)center dot Gly-Gly-His and Ni(II)center dot Arg-Gly-His metalloprotein-DNA association

Author(s): Fang, YY (Fang, Ya-Yin); Lipkowitz, KB (Lipkowitz, Kenny B.); Long, EC (Long, Eric C.)

Source: JOURNAL OF CHEMICAL THEORY AND COMPUTATION Volume: 2 Issue: 5 Pages: 1453-1463 DOI: 10.1021/ct600074r Published: SEP 12 2006

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Title: Diastereoselective DNA cleavage recognition by Ni(II)center dot Gly-Gly-His-derived metalloproteins

Author(s): Fang, YY (Fang, YY); Claussen, CA (Claussen, CA); Lipkowitz, KB (Lipkowitz, KB); Long, EC (Long, EC)

Source: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY Volume: 128 Issue: 10 Pages: 3198-3207 DOI: 10.1021/ja0569757 Published: MAR 15 2006

Record 33 of 73

Title: Metal ion selectivity of oligopeptides

Author(s): Sovago, I (Sovago, Imre); Osz, K (Osz, Katalin)

Source: DALTON TRANSACTIONS Issue: 32 Pages: 3841-3854 DOI: 10.1039/b607515k Published: 2006

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Title: Oxidative DNA damage induced by autoxidation of microquantities of S(IV) in the presence of Ni(II)-Gly-Gly-His

Author(s): Alipazaga, MV (Alipazaga, MV); Moreno, RGM (Moreno, RGM); Linares, E (Linares, E); Medeiros, MHG (Medeiros, MHG); Coichev, N (Coichev, N)

Source: DALTON TRANSACTIONS Issue: 23 Pages: 3738-3744 DOI: 10.1039/b507216f Published: DEC 7 2005

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Title: Redox chemistry of nickel complexes in aqueous solutions

Author(s): Zilbermann, I (Zilbermann, I); Maimon, E (Maimon, E); Cohen, H (Cohen, H); Meyerstein, D (Meyerstein, D)

Source: CHEMICAL REVIEWS Volume: 105 Issue: 6 Pages: 2609-2625 DOI: 10.1021/cr030717f Published: JUN 2005

Record 36 of 73

Title: Ferrocenoyl-amino acids: redox response towards di- and trivalent metal ions

Author(s): Appoh, FE (Appoh, FE); Sutherland, TC (Sutherland, TC); Kraatz, HB (Kraatz, HB)

Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY Volume: 690 Issue: 5 Pages: 1209-1217

DOI: 10.1016/j.jorganchem.2004.11.027 Published: MAR 1 2005

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Title: Aerobic oxidation of methanol by a Ni(II)-O₂ reaction

Author(s): Edison, SE (Edison, SE); Hotz, RP (Hotz, RP); Baldwin, MJ (Baldwin, MJ)

Source: CHEMICAL COMMUNICATIONS Issue: 10 Pages: 1212-1213 DOI: 10.1039/b403668a

Published: MAY 21 2004

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Title: Oxidative self-decomposition of the nickel(III) complex of glycylglycyl-L-histidylglycine

Author(s): Green, BJ (Green, BJ); Tesfai, TM (Tesfai, TM); Xie, Y (Xie, Y); Margerum, DW (Margerum, DW)

Source: INORGANIC CHEMISTRY Volume: 43 Issue: 4 Pages: 1463-1471 DOI:

10.1021/ic035034x Published: FEB 23 2004

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Title: Nickel(III) oxidation of its glycylglycylhistamine complex

Author(s): Green, BJ (Green, BJ); Tesfai, TM (Tesfai, TM); Margerum, DW (Margerum, DW)

Source: DALTON TRANSACTIONS Issue: 21 Pages: 3508-3514 DOI: 10.1039/b409929j

Published: 2004

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Title: Conformational changes in actin-myosin isoforms probed by Ni(II)-Gly-Gly-His reactivity

Author(s): van Dijk, J (van Dijk, J); Lafont, C (Lafont, C); Knetsch, MLW (Knetsch, MLW); Derancourt, J (Derancourt, J); Manstein, DJ (Manstein, DJ); Long, EC (Long, EC); Chaussepied, P (Chaussepied, P)

Source: JOURNAL OF MUSCLE RESEARCH AND CELL MOTILITY Volume: 25 Issue: 7 Pages: 527-537 Published: 2004

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Title: Cu(II)Gly(2)HisGly oxidation by H₂O₂/ascorbic acid to the Cu(III) complex and its subsequent decay to alkene peptides

Author(s): Burke, SK (Burke, SK); Xu, YL (Xu, YL); Margerum, DW (Margerum, DW)

Source: INORGANIC CHEMISTRY Volume: 42 Issue: 19 Pages: 5807-5817 DOI:

10.1021/ic0345774 Published: SEP 22 2003

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Title: The Cys-Xaa-His metal-binding motif: {N} versus {S} coordination and nickel-mediated formation of cysteinyl sulfinic acid

Author(s): Van Horn, JD (Van Horn, JD); Bulaj, G (Bulaj, G); Goldenberg, DP (Goldenberg, DP); Burrows, CJ (Burrows, CJ)

Source: JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY Volume: 8 Issue: 6 Pages: 601-610

DOI: 10.1007/s00775-003-0454-7 Published: JUL 2003

Record 43 of 73

Title: Unusual gain in the coordination ability of vasopressin-like peptides towards Cu²⁺ ions by insertion of the highly hydrophobic side chain

Author(s): Chruscinska, E (Chruscinska, E); Derdowska, I (Derdowska, I); Kozlowski, H (Kozlowski, H); Lammek, B (Lammek, B); Luczkowski, M (Luczkowski, M); Oldziej, S (Oldziej, S); Swiatek-Kozlowska, J (Swiatek-Kozlowska, J)

Source: NEW JOURNAL OF CHEMISTRY Volume: 27 Issue: 2 Pages: 251-256 DOI: 10.1039/b206790k Published: 2003

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Title: Metal complexes of peptides containing monodentate or chelating imidazole nitrogen donors: Factors influencing the coordination of amide groups and imidazole side chains

Author(s): Sovago, I (Sovago, I); Varnagy, K (Varnagy, K); Osz, K (Osz, K)

Source: COMMENTS ON INORGANIC CHEMISTRY Volume: 23 Issue: 2 Pages: 149-178 DOI: 10.1080/02603590214513 Published: MAR-APR 2002

Record 45 of 73

Title: Induction of oxidative DNA damage by carcinogenic metals

Author(s): Bal, W (Bal, W); Kasprzak, KS (Kasprzak, KS)

Source: TOXICOLOGY LETTERS Volume: 127 Issue: 1-3 Pages: 55-62 Article Number: DOI: 10.1016/S0378-4274(01)00483-0 Published: FEB 28 2002

Conference Title: 39th Congress of the European-Societies-of-Toxicology

Conference Date: SEP 13-16, 2001

Conference Location: ISTANBUL, TURKEY

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Title: Short peptides are not reliable models of thermodynamic and kinetic properties of the N-terminal metal binding site in serum albumin

Author(s): Sokolowska, M (Sokolowska, M); Krezel, A (Krezel, A); Dyba, M (Dyba, M); Szewczuk, Z (Szewczuk, Z); Bal, W (Bal, W)

Source: EUROPEAN JOURNAL OF BIOCHEMISTRY Volume: 269 Issue: 4 Pages: 1323-1331 DOI: 10.1046/j.1432-1033.2002.02772.x Published: FEB 2002

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Title: Metal complexes of biologically important ligands, part 144. Selective alpha-carbon hydroxylation of glycine in nickel(II)-cyclotetrapeptide complexes by oxygen

Author(s): Haas, K (Haas, K); Dialer, H (Dialer, H); Piotrowski, H (Piotrowski, H); Schapp, J (Schapp, J); Beck, W (Beck, W)

Source: ANGEWANDTE CHEMIE-INTERNATIONAL EDITION Volume: 41 Issue: 11 Pages: 1879-+ DOI: 10.1002/1521-3773(20020603)41:11<1879::AID-ANIE1879>3.0.CO;2-K Published: 2002

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Title: Nickel(II) complexes with amide ligands: oxidative dehydrogenation of the amines in a tetradentate diamide-diamine ligand

Author(s): Weeks, CL (Weeks, CL); Turner, P (Turner, P); Fenton, RR (Fenton, RR); Lay, PA (Lay, PA)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 6 Pages: 931-940 DOI: 10.1039/b107378h Published: 2002

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Title: The research progress of Ni-containing enzymes and model compounds

Author(s): Dai, Y (Dai, Y); Cheng, P (Cheng, P)

Source: PROGRESS IN CHEMISTRY Volume: 14 Issue: 1 Pages: 47-55 Published: JAN 2002

Record 50 of 73

Title: Nickel- and cobalt-dependent oxidation and crosslinking of proteins

Author(s): Rokita, SE (Rokita, SE); Burrows, CJ (Burrows, CJ)

Source: PROBING OF PROTEINS BY METAL IONS AND THEIR LOW-MOLECULAR-WEIGHT COMPLEXES Book Series: METAL IONS IN BIOLOGICAL SYSTEMS Volume: 38 Pages: 289-311

Published: 2001

Record 51 of 73

Title: Characterization of the Ni(III) intermediate in the reaction of (1,4,8,11-tetraazacyclotetradecane)nickel(II) perchlorate with KHSO₅: Implications to the mechanism of oxidative DNA modification

Author(s): Stuart, JN (Stuart, JN); Goerges, AL (Goerges, AL); Zaleski, JM (Zaleski, JM)

Source: INORGANIC CHEMISTRY Volume: 39 Issue: 26 Pages: 5976-5984 DOI:

10.1021/ic000572k Published: DEC 25 2000

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Title: Induction of a secondary structure in the N-terminal pentadecapeptide of human protamine HP2 through Ni(II) coordination. An NMR study

Author(s): Bal, W (Bal, W); Wojcik, J (Wojcik, J); Maciejczyk, M (Maciejczyk, M); Grochowski, P (Grochowski, P); Kasprzak, KS (Kasprzak, KS)

Source: CHEMICAL RESEARCH IN TOXICOLOGY Volume: 13 Issue: 9 Pages: 823-830 DOI:

10.1021/tx000060i Published: SEP 2000

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Title: Molecular models in nickel carcinogenesis

Author(s): Bal, W (Bal, W); Kozlowski, H (Kozlowski, H); Kasprzak, KS (Kasprzak, KS)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 79 Issue: 1-4 Pages: 213-218 DOI:

10.1016/S0162-0134(99)00169-5 Published: APR 2000

Conference Title: 5th International Symposium on Applied Bioinorganic Chemistry (5 ISABC)

Conference Date: APR 13-17, 1999

Conference Location: CORFU, GREECE

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Title: Design, synthesis and DNA-cleavage of Gly-Gly-His-naphthalene diimide conjugates

Author(s): Steullet, V (Steullet, V); Dixon, DW (Dixon, DW)

Source: BIOORGANIC & MEDICINAL CHEMISTRY LETTERS Volume: 9 Issue: 20 Pages: 2935-

2940 DOI: 10.1016/S0960-894X(99)00505-3 Published: OCT 18 1999

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Title: Ni(II)center dot Xaa-Xaa-His metallopeptide - DNA/RNA interactions

Author(s): Long, EC (Long, EC)

Source: ACCOUNTS OF CHEMICAL RESEARCH Volume: 32 Issue: 10 Pages: 827-836 DOI:

10.1021/ar980072j Published: OCT 1999

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Title: Formation of DNA adducts using nickel(II) complexes of redox-active ligands: a comparison of salen and peptide complexes

Author(s): Muller, JG (Muller, JG); Kayser, LA (Kayser, LA); Paikoff, SJ (Paikoff, SJ); Duarte, V (Duarte, V); Tang, N (Tang, N); Perez, RJ (Perez, RJ); Rokita, SE (Rokita, SE); Burrows, CJ (Burrows, CJ)

Source: COORDINATION CHEMISTRY REVIEWS Volume: 185-6 Pages: 761-774 DOI:

10.1016/S0010-8545(99)00043-0 Published: MAY 1999

Conference Title: 33rd International Conference on Coordination Chemistry

Conference Date: AUG 30-SEP 04, 1998

Conference Location: FLORENCE, ITALY

Record 57 of 73

Title: Specific structure-stability relations in metallopeptides

Author(s): Kozlowski, H (Kozlowski, H); Bal, W (Bal, W); Dyba, M (Dyba, M); Kowalik-Jankowska, T (Kowalik-Jankowska, T)

Source: COORDINATION CHEMISTRY REVIEWS Volume: 184 Pages: 319-346 DOI: 10.1016/S0010-8545(98)00261-6 Published: APR 1999

Conference Title: VIIIth Italian-Spanish Congress on the Thermodynamics of Metal Complexes (ISMEC 97)

Conference Date: MAY 27-31, 1997

Conference Location: CHIA LAGUNA, ITALY

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Title: Nickel-catalyzed N-terminal oxidative deamination in peptides containing histidine at position 2 coupled with sulfite oxidation

Author(s): Levine, J (Levine, J); Etter, J (Etter, J); Apostol, I (Apostol, I)

Source: JOURNAL OF BIOLOGICAL CHEMISTRY Volume: 274 Issue: 8 Pages: 4848-4857 DOI: 10.1074/jbc.274.8.4848 Published: FEB 19 1999

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Title: Relevance of reactivity determinants to exposure assessment and biological monitoring of the elements

Author(s): Nieboer, E (Nieboer, E); Fletcher, GG (Fletcher, GG); Thomassen, Y (Thomassen, Y)

Source: JOURNAL OF ENVIRONMENTAL MONITORING Volume: 1 Issue: 1 Pages: 1-14 DOI: 10.1039/a808849g Published: FEB 1999

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Title: Introduction of alpha-hydroxymethylserine residues in a peptide sequence results in the strongest peptidic, albumin-like, copper(II) chelator known to date

Author(s): Mlynarz, P (Mlynarz, P); Bal, W (Bal, W); Kowalik-Jankowska, T (Kowalik-Jankowska, T); Stasiak, M (Stasiak, M); Leplawy, MT (Leplawy, MT); Kozlowski, H (Kozlowski, H)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 2 Pages: 109-110 DOI: 10.1039/a808269c Published: JAN 21 1999

Record 61 of 73

Title: Nickel complexes of cysteine- and cystine-containing peptides: Spontaneous formation of disulfide-bridged dimers at neutral pH

Author(s): Ross, SA (Ross, SA); Burrows, CJ (Burrows, CJ)

Source: INORGANIC CHEMISTRY Volume: 37 Issue: 20 Pages: 5358-5363 DOI: 10.1021/ic971075f Published: OCT 5 1998

Record 62 of 73

Title: A critical role for tyrosine residues in His(6)Ni-mediated protein cross-linking

Author(s): Fancy, DA (Fancy, DA); Kodadek, T (Kodadek, T)

Source: BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS Volume: 247 Issue: 2 Pages: 420-426 DOI: 10.1006/bbrc.1998.8558 Published: JUN 18 1998

Record 63 of 73

Title: Oxidative DNA damage mediated by metal-peptide complexes

Author(s): Burrows, CJ (Burrows, CJ); Perez, RJ (Perez, RJ); Muller, JG (Muller, JG); Rokita, SE (Rokita, SE)

Source: PURE AND APPLIED CHEMISTRY Volume: 70 Issue: 2 Pages: 275-278 DOI: 10.1351/pac199870020275 Published: FEB 1998

Conference Title: 20th IUPAC Symposium on the Chemistry of Natural Products

Conference Date: SEP 15-20, 1996

Conference Location: CHICAGO, ILLINOIS

Record 64 of 73

Title: Binding of nickel(II) and copper(II) to the N-terminal sequence of human protamine HP2

Author(s): Bal, W (Bal, W); JezowskaBojczuk, M (JezowskaBojczuk, M); Kasprzak, KS (Kasprzak, KS)

Source: CHEMICAL RESEARCH IN TOXICOLOGY Volume: 10 Issue: 8 Pages: 906-914 DOI: 10.1021/tx970028x Published: AUG 1997

Record 65 of 73

Title: Mediation of oxidative DNA damage by nickel(II) and copper(II) complexes with the N-terminal sequence of human protamine HP2

Author(s): Bal, W (Bal, W); Lukszo, J (Lukszo, J); Kasprzak, KS (Kasprzak, KS)

Source: CHEMICAL RESEARCH IN TOXICOLOGY Volume: 10 Issue: 8 Pages: 915-921 DOI: 10.1021/tx970029p Published: AUG 1997

Record 66 of 73

Title: NMR structure of neuromedin C, a neurotransmitter with an amino terminal Cu-II-, Ni-II-binding (ATCUN) motif

Author(s): Gasmi, G (Gasmi, G); Singer, A (Singer, A); FormanKay, J (FormanKay, J); Sarkar, B (Sarkar, B)

Source: JOURNAL OF PEPTIDE RESEARCH Volume: 49 Issue: 6 Pages: 500-509 Published: JUN 1997

Record 67 of 73

Title: DNA damage from sulfite autoxidation catalyzed by a nickel(II) peptide

Author(s): Muller, JG (Muller, JG); Hickerson, RP (Hickerson, RP); Perez, RJ (Perez, RJ); Burrows, CJ (Burrows, CJ)

Source: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY Volume: 119 Issue: 7 Pages: 1501-1506 DOI: 10.1021/ja963701y Published: FEB 19 1997

Record 68 of 73

Title: The impact of the amino-acid sequence on the specificity of copper(II) interactions with peptides having nonco-ordinating side-chains

Author(s): Bal, W (Bal, W); Dyba, M (Dyba, M); Kozlowski, H (Kozlowski, H)

Source: ACTA BIOCHIMICA POLONICA Volume: 44 Issue: 3 Pages: 467-476 Published: 1997

Record 69 of 73

Title: Nickel 1994

Author(s): Higgins, SJ (Higgins, SJ)

Source: COORDINATION CHEMISTRY REVIEWS Volume: 152 Pages: 175-249 DOI: 10.1016/0010-8545(96)01273-8 Published: JUL 1996

Record 70 of 73

Title: Molecular structure of [VO(sal-D,L-Asn)(py)(H₂O)] and reaction to produce coumarin-3-carboxamide

Author(s): Cavaco, I (Cavaco, I); Pessoa, JC (Pessoa, JC); Duarte, MT (Duarte, MT); Gillard, RD (Gillard, RD); Matias, P (Matias, P)

Source: CHEMICAL COMMUNICATIONS Issue: 11 Pages: 1365-1366 DOI: 10.1039/cc9960001365 Published: JUN 7 1996

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Title: Axial hydrophobic fence in highly-stable Ni(II) complex of des-angiotensinogen N-terminal peptide

Author(s): Bal, W (Bal, W); Chmurny, GN (Chmurny, GN); Hilton, BD (Hilton, BD); Sadler, PJ (Sadler, PJ); Tucker, A (Tucker, A)

Source: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY Volume: 118 Issue: 19 Pages: 4727-4728 DOI: 10.1021/ja953988j Published: MAY 15 1996

Record 72 of 73

Title: Proton and metal ion interactions with glycyglycylhistamine, a serum albumin mimicking pseudopeptide

Author(s): Gajda, T (Gajda, T); Henry, B (Henry, B); Aubry, A (Aubry, A); Delpuech, JJ (Delpuech, JJ)

Source: INORGANIC CHEMISTRY Volume: 35 Issue: 3 Pages: 586-593 DOI: 10.1021/ic950373e Published: JAN 31 1996

Record 73 of 73

Title: Nickel complexes as probes of guanine sites in nucleic acid folding

Author(s): Burrows, CJ (Burrows, CJ); Rokita, SE (Rokita, SE)

Edited by: Sigel A; Sigel H

Source: METAL IONS IN BIOLOGICAL SYSTEMS, VOL 33: PROBING OF NUCLEIC ACIDS BY METAL ION COMPLEXES OF SMALL MOLECULES Book Series: METAL IONS IN BIOLOGICAL SYSTEMS Volume: 33 Pages: 537-560 Published: 1996

BARNHAM KJ, 1995, INORG CHEM, V34, P2826, DOI 10.1021/ic00115a008

Record 1 of 71

Title: Synthesis, cytotoxic activity and DNA interaction of Pd(II) complexes bearing N'-methyl-3,5-dimethyl-1-thiocarbamoylpyrazole

Author(s): Barra, CV (Barra, Carolina V.); Rocha, FV (Rocha, Fillipe V.); Gautier, A (Gautier, Arnaud); Morel, L (Morel, Laurent); Quilles, MB (Quilles, Marcela B.); Carlos, IZ (Carlos, Iracilda Z.); Treu, O (Treu-Filho, Oswaldo); Frem, RCG (Frem, Regina C. G.); Mauro, AE (Mauro, Antonio E.); Netto, AVG (Netto, Adelino V. G.)

Source: POLYHEDRON Volume: 65 Pages: 214-220 DOI: 10.1016/j.poly.2013.08.040 Published: NOV 28 2013

Record 2 of 71

Title: Novel palladium(II) complexes containing a sulfur ligand: structure and biological activity on HeLa cells

Author(s): Gao, EJ (Gao, EnJun); Guan, F (Guan, Feng); Gao, XN (Gao, XiaNan); Zhu, MC (Zhu, MingChang); Liu, L (Liu, Lei); Wang, CS (Wang, ChuanSheng); Zhang, WZ (Zhang, WanZhong); Sun, YG (Sun, YaGuang)

Source: JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY Volume: 17 Issue: 2 Pages: 263-274 DOI: 10.1007/s00775-011-0847-y Published: FEB 2012

Record 3 of 71

Title: Synthesis, characterization and cytotoxicity of a carboxylic ligand 2,2-bis(3-phenylpropyl) malonic acid and a corresponding Mn(II) complex

Author(s): Zhu, MC (Zhu, Ming-chang); Dai, L (Dai, Lei); Gao, EJ (Gao, En-jun); Lin, L (Lin, Lin); Wang, B (Wang, Bo); Liu, L (Liu, Lei)

Source: DALTON TRANSACTIONS Volume: 41 Issue: 43 Pages: 13352-13358 DOI: 10.1039/c2dt31635h Published: 2012

Record 4 of 71

Title: Two new palladium(II) complexes: synthesis, characterization and their interaction with HeLa cells

Author(s): Gao, EJ (Gao, Enjun); Lin, L (Lin, Lin); Liu, L (Liu, Lei); Zhu, MC (Zhu, Mingchang); Wang, B (Wang, Bo); Gao, XA (Gao, Xianan)

Source: DALTON TRANSACTIONS Volume: 41 Issue: 36 Pages: 11187-11194 DOI: 10.1039/c2dt30990d Published: 2012

Record 5 of 71

Title: Versatile coordination behavior of N,N-di(alkyl/aryl)-N'-benzoylthiourea ligands: Synthesis, crystal structure and cytotoxicity of palladium(II) complexes

Author(s): Selvakumaran, N (Selvakumaran, N.); Ng, SW (Ng, Seik Weng); Tiekink, ERT (Tiekink, Edward R. T.); Karvembu, R (Karvembu, R.)

Source: INORGANICA CHIMICA ACTA Volume: 376 Issue: 1 Pages: 278-284 DOI: 10.1016/j.ica.2011.06.031 Published: OCT 1 2011

Record 6 of 71

Title: Synthesis, characterization and anticancer studies of mixed ligand dithiocarbamate palladium(II) complexes

Author(s): Khan, H (Khan, Hizbullah); Badshah, A (Badshah, Amin); Murtaz, G (Murtaz, Ghulam); Said, M (Said, Muhammad); Zia-ur-Rehman (Zia-ur-Rehman); Neuhausen, C (Neuhausen, Christine); Todorova, M (Todorova, Margarita); Jean-Claude, BJ (Jean-Claude, Bertrand J.); Butler, IS (Butler, Ian S.)

Source: EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY Volume: 46 Issue: 9 Pages: 4071-4077 DOI: 10.1016/j.ejmech.2011.06.007 Published: SEP 2011

Record 7 of 71

Title: Theoretical insight into [Pd(en)(H₂O)(2)](2+) binding to Guanine form [{Pd(en)(guanine)}(4)](4+): Kinetic control and thermodynamic control

Author(s): Zhang, DD (Zhang, Dongdong); Zhou, LX (Zhou, Lixin)

Source: COMPUTATIONAL AND THEORETICAL CHEMISTRY Volume: 967 Issue: 1 Pages: 102-112 DOI: 10.1016/j.comptc.2011.03.051 Published: JUL 2011

Record 8 of 71

Title: Kinetic Studies on the Reactions of Different Bifunctional Platinum(II) Complexes with Selected Nucleophiles

Author(s): Bogojeski, J (Bogojeski, Jovana); Bugarcic, ZD (Bugarcic, Zivadin D.); Puchta, R (Puchta, Ralph); van Eldik, R (van Eldik, Rudi)

Source: EUROPEAN JOURNAL OF INORGANIC CHEMISTRY Issue: 34 Pages: 5439-5445 DOI: 10.1002/ejic.201000654 Published: DEC 2010

Record 9 of 71

Title: X-Ray Structural Characterization of the Bis-Guanine Derivative of a Cisplatin Analogue Having Just One Proton on Each Coordinated Nitrogen and a Head-to-Head Conformation: [Pt{(+/)-N,N'-Dimethyl-2,3-diaminobutane}(9-ethyl-guanine)(2)]dinitrate

Author(s): Intini, FP (Intini, Francesco P.); Cini, R (Cini, Renzo); Tamasi, G (Tamasi, Gabriella); Hursthouse, MB (Hursthouse, Michael B.); Marzilli, LG (Marzilli, Luigi G.); Natile, G (Natile, Giovanni)

Source: INORGANIC CHEMISTRY Volume: 49 Issue: 17 Pages: 7853-7860 DOI: 10.1021/ic100972s Published: SEP 6 2010

Record 10 of 71

Title: Impact of the Carbon Chain Length of Novel Palladium(II) Complexes on Interaction with DNA and Cytotoxic Activity

Author(s): Gao, E (Gao, Enjun); Zhu, MC (Zhu, Mingchang); Liu, L (Liu, Lei); Huang, Y (Huang, Yun); Wang, L (Wang, Lei); Shi, CY (Shi, Chuyue); Zhang, WZ (Zhang, Wanzhong); Sun, YG (Sun, Yaguang)

Source: INORGANIC CHEMISTRY Volume: 49 Issue: 7 Pages: 3261-3270 DOI: 10.1021/ic902176e Published: APR 5 2010

Record 11 of 71

Title: New pH-dependent complexes, from mononuclear Pd(II) monomer to heteronuclear [Pd(II),K(I)]Polymer: DNA cleavage and cytotoxicity in vitro

Author(s): Gao, EJ (Gao, En-Jun); Zhu, MC (Zhu, Ming-Chang); Huang, Y (Huang, Yun); Liu, L (Liu, Lei); Liu, HY (Liu, Hong-Yan); Liu, FC (Liu, Fu-Chun); Ma, S (Ma, Shuang); Shi, CY (Shi, Chun-Yue)

Source: EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY Volume: 45 Issue: 3 Pages: 1034-1041 DOI: 10.1016/j.ejmech.2009.11.048 Published: MAR 2010

Record 12 of 71

Title: Kinetic Study of the Interaction of Adenosine 5'-Monophosphate with Diaqua (2-Hydrazino-pyridine) Palladium(II) in Aqueous Medium

Author(s): Khattab, MM (Khattab, Mohamed M.); Soliman, AA (Soliman, Ahmed A.); Linert, W (Linert, Wolfgang)

Source: INTERNATIONAL JOURNAL OF CHEMICAL KINETICS Volume: 42 Issue: 2 Pages: 132-142 DOI: 10.1002/kin.20470 Published: FEB 2010

Record 13 of 71

Title: Interaction of a trans-Palladium (II) Complex Containing Planar Amine Ligands with DNA Bases

Author(s): Zhang, DD (Zhang Dong-Dong); Zhou, LX (Zhou Li-Xin)

Source: ACTA PHYSICO-CHIMICA SINICA Volume: 25 Issue: 12 Pages: 2551-2557 DOI: 10.3866/PKU.WHXB20091203 Published: DEC 2009

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Title: Synthesis, characterization and in vitro cytotoxicity of the first palladium(II) oxalato complexes involving adenine-based ligands

Author(s): Starha, P (Starha, Pavel); Travnicek, Z (Travnicek, Zdenek); Popa, I (Popa, Igor)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 103 Issue: 7 Pages: 978-988 DOI: 10.1016/j.jinorgbio.2009.04.008 Published: JUL 2009

Record 15 of 71

Title: Palladium(II) and platinum(II) organometallic complexes with 4,7-dihydro-5-methyl-7-oxo[1,2,4]triazolo[1,5-a]pyrimidine. Antitumor activity of the platinum compounds

Author(s): Ruiz, J (Ruiz, Jose); Villa, MD (Dolores Villa, Maria); Cutillas, N (Cutillas, Natalia); Lopez, G (Lopez, Gregorio); de Haro, C (de Haro, Concepcion); Bautista, D (Bautista, Delia); Moreno, V (Moreno, Virtudes); Valencia, L (Valencia, Laura)

Source: INORGANIC CHEMISTRY Volume: 47 Issue: 11 Pages: 4490-4505 DOI: 10.1021/ic701873b Published: JUN 2 2008

Record 16 of 71

Title: Conformer distribution in (cis-1,4-DACH)bis(guanosine-5'-phosphate)platinum(II) adducts: A reliable model for DNA adducts of antitumoral cisplatin

Author(s): Ranaldo, R (Ranaldo, Rosa); Margiotta, N (Margiotta, Nicola); Intini, FP (Intini, Francesco P.); Pacifico, C (Pacifico, Concetta); Natile, G (Natile, Giovanni)

Source: INORGANIC CHEMISTRY Volume: 47 Issue: 7 Pages: 2820-2830 DOI: 10.1021/ic702202x Published: APR 7 2008

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Title: Interactions of 1,5-naphthyridine with Pd(en)Cl(2) or [Pd(en)(H(2)O)(2)](NO(3))(2) in aqueous solution

Author(s): Zhu, SR (Zhu, Shourong); Moreno, KX (Moreno, Karlos X.); Jenkins, RM (Jenkins, Roxanne M.); Walmsley, JA (Walmsley, Judith A.)

Source: DALTON TRANSACTIONS Issue: 45 Pages: 6401-6408 DOI: 10.1039/b810487e

Published: 2008

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Title: Cyclic tetranuclear and hexanuclear Palladium(II) complexes and their host-guest chemistry

Author(s): Waimsley, JA (Waimsley, Judith A.); Zhu, S (Zhu, Shourong); Matilla, A (Matilla, Antonio); Donowick, TG (Donowick, Tiffanee G.); Cramp, JE (Cramp, Jessica E.); Tercero, JM (Tercero, Jose Manuel); Dalrymple, T (Dalrymple, Tatyana)

Source: INORGANIC CHEMISTRY Volume: 46 Issue: 23 Pages: 9945-9953 DOI:

10.1021/ic700830v Published: NOV 12 2007

Record 19 of 71

Title: Biological recognition patterns implicated by the formation and stability of ternary metal ion complexes of low-molecular-weight formed with amino acid/peptides and nucleobases/nucleosides

Author(s): Terron, A (Terron, Angel); Fiol, JJ (Fiol, Juan J.); Garcia-Raso, A (Garcia-Raso, Angel); Barcelo-Oliver, M (Barcelo-Oliver, Miquel); Moreno, V (Moreno, Virtudes)

Source: COORDINATION CHEMISTRY REVIEWS Volume: 251 Issue: 15-16 Pages: 1973-1986

DOI: 10.1016/j.ccr.2007.03.006 Published: AUG 2007

Record 20 of 71

Title: The first pure Lambda HT rotamer of a complex with a cis-[metal (nucleotide)(2)] unit: A cis-[Pt(amine)(2)(nucleotide)(2)] Lambda HT rotamer with unique molecular structural features

Author(s): Benedetti, M (Benedetti, Michele); Tamasi, G (Tamasi, Gabriella); Cini, R (Cini, Renzo); Marzilli, LG (Marzilli, Luigi G.); Natile, G (Natile, Giovanni)

Source: CHEMISTRY-A EUROPEAN JOURNAL Volume: 13 Issue: 11 Pages: 3131-3142 DOI:

10.1002/chem.200601211 Published: 2007

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Title: Long-lived and highly conducting ion channels formed by lipophilic ethylenediamine palladium(II) complexes

Author(s): Fyles, TM (Fyles, Thomas M.); Tong, CC (Tong, Christine C.)

Source: NEW JOURNAL OF CHEMISTRY Volume: 31 Issue: 5 Pages: 655-661 DOI:

10.1039/b610660a Published: 2007

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Title: Structural and mechanistic aspects of platinum anticancer agents

Author(s): Ahmad, S (Ahmad, Saeed); Isab, AA (Isab, Anvarhusein A.); Ali, S (Ali, Saqib)

Source: TRANSITION METAL CHEMISTRY Volume: 31 Issue: 8 Pages: 1003-1016 DOI:

10.1007/s11243-006-0100-7 Published: NOV 2006

Record 23 of 71

Title: Palladium(II) and platinum(II) organometallic complexes with the model nucleobase anions of thymine, uracil, and cytosine: Antitumor activity and interactions with DNA of the platinum compounds

Author(s): Ruiz, J (Ruiz, Jose); Lorenzo, J (Lorenzo, Julia); Sanglas, L (Sanglas, Laura); Cutillas, N (Cutillas, Natalia); Vicente, C (Vicente, Consuelo); Villa, MD (Villa, Maria Dolores); Aviles, FX (Aviles, Francesc X.); Lopez, G (Lopez, Gregorio); Moreno, V (Moreno, Virtudes); Perez, J (Perez, Jose); Bautista, D (Bautista, Delia)

Source: INORGANIC CHEMISTRY Volume: 45 Issue: 16 Pages: 6347-6360 DOI:

10.1021/ic060374e Published: AUG 7 2006

Record 24 of 71

Title: A QM/MM MD simulation study of hydrated Pd²⁺

Author(s): Shah, SAA (Shah, S. Adnan Ali); Hofer, TS (Hofer, Thomas S.); Fatmi, MQ (Fatmi, M. Qaiser); Randolph, BR (Randolf, Bernhard R.); Rode, BM (Rode, Bernd M.)

Source: CHEMICAL PHYSICS LETTERS Volume: 426 Issue: 4-6 Pages: 301-305 DOI: 10.1016/j.cplett.2006.05.132 Published: AUG 4 2006

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Title: Non-covalent interactions in adducts of platinum drugs with nucleobases in nucleotides and DNA as revealed by using chiral substrates

Author(s): Natile, G (Natile, G); Marzilli, LG (Marzilli, LG)

Source: COORDINATION CHEMISTRY REVIEWS Volume: 250 Issue: 11-12 Pages: 1315-1331 DOI: 10.1016/j.ccr.2005.12.004 Published: JUN 2006

Record 26 of 71

Title: Synthesis and X-ray crystal structure determination of a useful Pd-II starting compound, enPd(NO₃)(2)

Author(s): Cerda, MM (Cerda, MM); Costisella, B (Costisella, B); Lippert, B (Lippert, B)

Source: INORGANICA CHIMICA ACTA Volume: 359 Issue: 5 Pages: 1485-1488 DOI: 10.1016/j.ica.2005.10.023 Published: MAR 20 2006

Record 27 of 71

Title: Hydration process as an activation of trans- and cisplatin complexes in anticancer treatment. DFT and ab initio computational study of thermodynamic and kinetic parameters

Author(s): Burda, JV (Burda, JV); Zeizinger, M (Zeizinger, M); Leszczynski, J (Leszczynski, J)

Source: JOURNAL OF COMPUTATIONAL CHEMISTRY Volume: 26 Issue: 9 Pages: 907-914 DOI: 10.1002/jcc.20228 Published: JUL 15 2005

Record 28 of 71

Title: (Di-2-pyridylamine-kappa N-2,N')(naphthalene-2,3-diolato-kappa O-2,O')palladium(II) monohydrate and (di-2-pyridylamine-kappa N-2,N')(3-oxidonaphthalene-2-carboxylato-kappa O-2,O')palladium(II)

Author(s): Wanga, Y (Wanga, Y); Mizubayashi, Y (Mizubayashi, Y); Odoko, M (Odoko, M); Okabe, N (Okabe, N)

Source: ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS Volume: 61 Pages: M67-M70 DOI: 10.1107/S010827010403197X Part: 2 Published: FEB 2005

Record 29 of 71

Title: Head-to-head (HH) and head-to-tail (HT) conformers of cis-bis guanine ligands bound to the [Re(CO)(3)](+) core

Author(s): Zobi, F (Zobi, F); Blacque, O (Blacque, O); Schmalte, HW (Schmalte, HW); Spingler, B (Spingler, B); Alberto, R (Alberto, R)

Source: INORGANIC CHEMISTRY Volume: 43 Issue: 6 Pages: 2087-2096 DOI: 10.1021/ic035012a Published: MAR 22 2004

Record 30 of 71

Title: Binding of palladium(II) complexes to guanine, guanosine or guanosine 5'-monophosphate in aqueous solution: potentiometric and NMR studies

Author(s): Zhu, SR (Zhu, SR); Matilla, A (Matilla, A); Tercero, JM (Tercero, JM); Vijayaragavan, V (Vijayaragavan, V); Walmsley, JA (Walmsley, JA)

Source: INORGANICA CHIMICA ACTA Volume: 357 Issue: 2 Pages: 411-420 DOI: 10.1016/j.ica.2003.06.009 Published: JAN 30 2004

Record 31 of 71

Title: Activation barriers and rate constants for hydration of platinum and palladium square-planar complexes: An ab initio study

Author(s): Burda, JV (Burda, JV); Zeizinger, M (Zeizinger, M); Leszczynski, J (Leszczynski, J)

Source: JOURNAL OF CHEMICAL PHYSICS Volume: 120 Issue: 3 Pages: 1253-1262 DOI: 10.1063/1.1633757 Published: JAN 15 2004

Record 32 of 71

Title: X-ray structure and circular dichroism of pure rotamers of bis[guanosine-5'-monophosphate(-1)] (N,N,N',N'- tetramethylcyclohexyl-1,2-diamine)platinum(II) complexes that have R,R and S,S configurations at the asymmetric diamine

Author(s): Benedetti, M (Benedetti, M); Tamasi, G (Tamasi, G); Cini, R (Cini, R); Natile, G (Natile, G)

Source: CHEMISTRY-A EUROPEAN JOURNAL Volume: 9 Issue: 24 Pages: 6122-6132 DOI: 10.1002/chem.200305152 Published: DEC 15 2003

Record 33 of 71

Title: Study of ruthenium(II) complexes with anticancer drugs as ligands. Design of metal-based phototherapeutic agents

Author(s): Cini, R (Cini, R); Tamasi, G (Tamasi, G); Defazio, S (Defazio, S); Corsini, M (Corsini, M);

Zanello, P (Zanello, P); Messori, L (Messori, L); Marcon, G (Marcon, G); Piccioli, F (Piccioli, F); Orioli, P (Orioli, P)

Source: INORGANIC CHEMISTRY Volume: 42 Issue: 24 Pages: 8038-8052 DOI: 10.1021/ic0349095 Published: DEC 1 2003

Record 34 of 71

Title: Novel binding interactions of the DNA fragment d(pGpG) cross-linked by the antitumor active compound tetrakis(mu-carboxylato)dirhodium(II,II)

Author(s): Chifotides, HT (Chifotides, HT); Koshlap, KM (Koshlap, KM); Perez, LM (Perez, LM); Dunbar, KR (Dunbar, KR)

Source: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY Volume: 125 Issue: 35 Pages: 10714-10724 DOI: 10.1021/ja0291585 Published: SEP 3 2003

Record 35 of 71

Title: Studies on the interaction of altromycin B and its platinum(II) and palladium(II) metal complexes with calf thymus DNA and nucleotides

Author(s): Nikolis, N (Nikolis, N); Methenitis, C (Methenitis, C); Pneumatikakis, G (Pneumatikakis, G)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 95 Issue: 2-3 Pages: 177-193 DOI: 10.1016/S0162-0134(03)00102-8 Published: JUN 1 2003

Record 36 of 71

Title: New clues for platinum antitumor chemistry: Kinetically controlled metal binding to DNA

Author(s): Reedijk, J (Reedijk, J)

Source: PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA Volume: 100 Issue: 7 Pages: 3611-3616 DOI: 10.1073/pnas.0737293100 Published: APR 1 2003

Record 37 of 71

Title: Synthesis, characterization, solution equilibria and DNA binding of some mixed-ligand palladium(II) complexes. Thermodynamic models for carboplatin drug and analogous compounds

Author(s): Tercero, JM (Tercero, JM); Matilla, A (Matilla, A); Sanjuan, MA (Sanjuan, MA); Moreno, CF (Moreno, CF); Martin, JD (Martin, JD); Walmsley, JA (Walmsley, JA)

Source: INORGANICA CHIMICA ACTA Volume: 342 Pages: 77-87 Article Number: DOI: 10.1016/S0020-1693(02)01071-X Published: JAN 10 2003

Record 38 of 71

Title: Interaction of (amine)M(II) complexes (amine = dien, en; M = Pd, Pt) with purine nucleoside 2', 3' - and 5' -monophosphates - the role of the phosphate site for specific metal fragment-nucleotide recognition by macrochelation

Author(s): Wirth, W (Wirth, W); Blotvogel-Baltronat, J (Blotvogel-Baltronat, J); Kleinkes, U (Kleinkes, U); Sheldrick, WS (Sheldrick, WS)

Source: INORGANICA CHIMICA ACTA Volume: 339 Pages: 14-26 Article Number: DOI: 10.1016/S0020-1693(02)00921-0 Published: NOV 15 2002

Record 39 of 71

Title: Factors influencing conformer equilibria in retro models of Cisplatin-DNA adducts as revealed by moderately dynamic (N,N'-dimethyl-2,3-diaminobutane)PtG(2) retro models (G = a guanine derivative)

Author(s): Saad, JS (Saad, JS); Scarcia, T (Scarcia, T); Natile, G (Natile, G); Marzilli, LG (Marzilli, LG)

Source: INORGANIC CHEMISTRY Volume: 41 Issue: 19 Pages: 4923-4935 DOI: 10.1021/ic011115m Published: SEP 23 2002

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Title: cis-[PtCl₂(NH₃){2-(2-hydroxyethyl)pyridine}] - an analogue of the anticancer drug AMD473: Unusual hydrolysis rates and pK(a) values for the diaqua adduct

Author(s): Hotze, ACG (Hotze, ACG); Chen, Y (Chen, Y); Hambley, TW (Hambley, TW); Parsons, S (Parsons, S); Kratochwil, NA (Kratochwil, NA); Parkinson, JA (Parkinson, JA); Munk, VP (Munk, VP); Sadler, PJ (Sadler, PJ)

Source: EUROPEAN JOURNAL OF INORGANIC CHEMISTRY Issue: 5 Pages: 1035-1039 Published: MAY 2002

Record 41 of 71

Title: Modification of second-sphere communication, leading to an unusually high abundance of the head-to-head conformer of cisplatin cross-link retro models

Author(s): Saad, JS (Saad, JS); Scarcia, T (Scarcia, T); Shinozuka, K (Shinozuka, K); Natile, G (Natile, G); Marzilli, LG (Marzilli, LG)

Source: INORGANIC CHEMISTRY Volume: 41 Issue: 3 Pages: 546-557 DOI: 10.1021/ic010758z Published: FEB 11 2002

Record 42 of 71

Title: A systematic ab initio study of the hydration of selected palladium square-planar complexes. A comparison with platinum analogues

Author(s): Zeizinger, N (Zeizinger, N); Burda, JV (Burda, JV); Sponer, J (Sponer, J); Kapsa, V (Kapsa, V); Leszczynski, J (Leszczynski, J)

Source: JOURNAL OF PHYSICAL CHEMISTRY A Volume: 105 Issue: 34 Pages: 8086-8092 DOI: 10.1021/jp010636s Published: AUG 30 2001

Record 43 of 71

Title: Formation of ternary complexes by coordination of (diethylenetriamine)platinum(II) to N1 or N7 of the adenine moiety of the antiviral nucleotide analogue 9-[2-(phosphonomethoxy)ethyl]adenine (PMEA): Comparison of the acid-base and metal-ion-binding properties of PMEA, (Dien)Pt(PMEA-N1), and (Dien)Pt(PMEA-N7)

Author(s): Kampf, G (Kampf, G); Luth, MS (Luth, MS); Kapinos, LE (Kapinos, LE); Muller, J (Muller, J); Holy, A (Holy, A); Lippert, B (Lippert, B); Sigel, H (Sigel, H)

Source: CHEMISTRY-A EUROPEAN JOURNAL Volume: 7 Issue: 9 Pages: 1899-1908 DOI: 10.1002/1521-3765(20010504)7:9<1899::AID-CHEM1899>3.0.CO;2-5 Published: MAY 4 2001

Record 44 of 71

Title: Mixed ligand complexes of diaquo (2,2'-bipyridine)palladium(II) with cyclobutane-1,1-dicarboxylic acid and DNA constituents

Author(s): Shehata, MR (Shehata, MR)

Source: TRANSITION METAL CHEMISTRY Volume: 26 Issue: 1-2 Pages: 198-204 DOI: 10.1023/A:1007114128293 Published: FEB 2001

Record 45 of 71

Title: Properties of the ternary (Dien)Pt(PMEA-N7) complex containing diethylenetriamine (Dien) and the antiviral 9-[2-(phosphonomethoxy)ethyl]adenine (PMEA). Synthesis, biological screening, acid-base behaviour, and metal ion-binding in aqueous solution

Author(s): Kampf, G (Kampf, G); Luth, MS (Luth, MS); Muller, J (Muller, J); Holy, A (Holy, A); Lippert, B (Lippert, B); Sigel, H (Sigel, H)

Source: ZEITSCHRIFT FUR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES Volume: 55 Issue: 12 Pages: 1141-1152 Published: DEC 2000

Record 46 of 71

Title: Isomeric equilibria in aqueous solution involving aromatic ring stacking in the sexternary complexes formed by the quaternary cis-(NH₃)(2)Pt(2'-deoxyguanosine-N7)(dGMP-N7) complex and the binary Cu(2,2'-bipyridine)(2+) or Cu(1,10-phenanthroline)(2+) complexes (dGMP(2-)=2'-deoxyguanosine 5'-monophosphate)

Author(s): Luth, MS (Luth, MS); Song, B (Song, B); Lippert, B (Lippert, B); Sigel, H (Sigel, H)

Source: INORGANIC CHEMISTRY Volume: 39 Issue: 6 Pages: 1305-1310 DOI: 10.1021/ic9905087 Published: MAR 20 2000

Record 47 of 71

Title: Multinuclear 1D and 2D NMR investigations on the interaction between the pyrimidic nucleotides 5'-CMP, 5'-dCMP, and 5'-UMP and diethyltin dichloride in aqueous medium

Author(s): Ghys, L (Ghys, L); Biesemans, M (Biesemans, M); Gielen, M (Gielen, M); Garoufis, A (Garoufis, A); Hadjiliadis, N (Hadjiliadis, N); Willem, R (Willem, R); Martins, JC (Martins, JC)

Source: EUROPEAN JOURNAL OF INORGANIC CHEMISTRY Issue: 3 Pages: 513-522 Published: MAR 2000

Record 48 of 71

Title: Second-sphere 'communication' between two cis-bound guanine nucleotides. Factors influencing conformations of dynamic adducts of cis-type platinum anticancer drugs with guanine nucleotides as deduced by circular dichroism spectroscopy

Author(s): Wong, HC (Wong, HC); Shinozuka, K (Shinozuka, K); Natile, G (Natile, G); Marzilli, LG (Marzilli, LG)

Source: INORGANICA CHIMICA ACTA Volume: 297 Issue: 1-2 Pages: 36-46 DOI: 10.1016/S0020-1693(99)00256-X Published: JAN 2000

Record 49 of 71

Title: Retro models of Pt anticancer drug DNA adducts: Chirality-controlling chelate ligand restriction of guanine dynamic motion in (2,2'-Bipiperidine)PtG(2) complexes (G = guanine derivative)

Author(s): Ano, SO (Ano, SO); Intini, FP (Intini, FP); Natile, G (Natile, G); Marzilli, LG (Marzilli, LG)

Source: INORGANIC CHEMISTRY Volume: 38 Issue: 12 Pages: 2989-2999 DOI: 10.1021/ic981409g Published: JUN 14 1999

Record 50 of 71

Title: Effects of (N7)-coordinated nickel(II), copper(II), or platinum(II) on the acid-base properties of guanine derivatives and other related purines

Author(s): Song, B (Song, B); Zhao, J (Zhao, J); Griesser, R (Griesser, R); Meiser, C (Meiser, C); Sigel, H (Sigel, H); Lippert, B (Lippert, B)

Source: CHEMISTRY-A EUROPEAN JOURNAL Volume: 5 Issue: 8 Pages: 2374-2387 DOI: 10.1002/(SICI)1521-3765(19990802)5:8<2374::AID-CHEM2374>3.0.CO;2-S Published: JUN 1999

Record 51 of 71

Title: Equilibrium studies of mixed ligand complexes involving (1,2-diaminopropane)-palladium(II) and some bioligands

Author(s): Shoukry, MM (Shoukry, MM); Shehata, MR (Shehata, MR); Abdel-Razik, A (Abdel-Razik, A); Abdel-Karim, ATI (Abdel-Karim, ATI)

Source: MONATSHFTE FUR CHEMIE Volume: 130 Issue: 3 Pages: 409-423 DOI: 10.1007/PL00010222 Published: MAR 1999

Record 52 of 71

Title: [H-1,(15) N] NMR kinetic studies of reactions of cis- and trans-[PtCl₂((NH₃)-N-15)(c-(C₆H₁₁NH₂)-N-15)] with guanosine 5'-monophosphate

Author(s): Barton, SJ (Barton, SJ); Barnham, KJ (Barnham, KJ); Frey, U (Frey, U); Habtemariam, A (Habtemariam, A); Sue, RE (Sue, RE); Sadler, PJ (Sadler, PJ)

Source: AUSTRALIAN JOURNAL OF CHEMISTRY Volume: 52 Issue: 3 Pages: 173-177 DOI: 10.1071/C98168 Published: 1999

Record 53 of 71

Title: Supermacrochelate complexes containing an artificial nucleic acid backbone and derived from excellent ligands formed by treating platinum anticancer agents with nucleotide triphosphates

Author(s): Isab, AA (Isab, AA); Marzilli, LG (Marzilli, LG)

Source: INORGANIC CHEMISTRY Volume: 37 Issue: 26 Pages: 6558-6559 DOI: 10.1021/ic980946y Published: DEC 28 1998

Record 54 of 71

Title: Chirality-controlling chelate (CCC) ligands in analogues of platinum anticancer agents. Influence of N9 substituents of guanine derivatives (G) on the distribution of chiral conformers of (CCC)PtG(2) with CCC = N,N'-dimethyl-2,3-diaminobutane

Author(s): Marzilli, LG (Marzilli, LG); Intini, FP (Intini, FP); Kiser, D (Kiser, D); Wong, HC (Wong, HC); Ano, SO (Ano, SO); Marzilli, PA (Marzilli, PA); Natile, G (Natile, G)

Source: INORGANIC CHEMISTRY Volume: 37 Issue: 26 Pages: 6898-6905 DOI: 10.1021/ic980843f Published: DEC 28 1998

Record 55 of 71

Title: Effects of six-membered-ring conformation on the rotamer distribution and rate of atropisomerization in platinum(II)-guanine compounds: 2,4-bis(methylamino)pentane complexes

Author(s): Williams, KM (Williams, KM); Cerasino, L (Cerasino, L); Intini, FP (Intini, FP); Natile, G (Natile, G); Marzilli, LG (Marzilli, LG)

Source: INORGANIC CHEMISTRY Volume: 37 Issue: 20 Pages: 5260-5268 DOI: 10.1021/ic980354f Published: OCT 5 1998

Record 56 of 71

Title: Quantification of outer-sphere macrochelate formation in the ternary cis-diamine-platinum(II)-bis-2'-deoxyguanosine 5'-monophosphate complex, cis-(NH₃)₂Pt(dGMP)(2)(2-), and formation of quaternary mixed metal ion species with magnesium(II), copper(II), or zinc(II) in aqueous solution

Author(s): Song, B (Song, B); Oswald, G (Oswald, G); Zhao, J (Zhao, J); Lippert, B (Lippert, B); Sigel, H (Sigel, H)

Source: INORGANIC CHEMISTRY Volume: 37 Issue: 19 Pages: 4857-4864 DOI: 10.1021/ic980126l Published: SEP 21 1998

Record 57 of 71

Title: Equilibrium studies of complex formation involving palladium(II)-(1,3-diaminopropane) and cyclobutane dicarboxylic acid, DNA units, amino acids or peptides

Author(s): El-Madani, SM (El-Madani, SM); Shohayeb, SM (Shohayeb, SM); Shoukry, MM (Shoukry, MM)

Source: TRANSITION METAL CHEMISTRY Volume: 23 Issue: 3 Pages: 287-293 Published: JUN 1998

Record 58 of 71

Title: A cyclometallated Pd(II) complex containing a cytosine model nucleobase

Author(s): Navarro-Ranninger, C (Navarro-Ranninger, C); Montero, EI (Montero, EI); Lopez-Solera, I (Lopez-Solera, I); Masaguer, JR (Masaguer, JR); Lippert, B (Lippert, B)

Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY Volume: 558 Issue: 1-2 Pages: 103-110 DOI: 10.1016/S0022-328X(98)00385-4 Published: MAY 15 1998

Record 59 of 71

Title: The effects of N7-coordinated cis-diammine-platinum(II) on the acid-base properties of guanine derivatives

Author(s): Sigel, H (Sigel, H); Lippert, B (Lippert, B)

Source: PURE AND APPLIED CHEMISTRY Volume: 70 Issue: 4 Pages: 845-854 DOI: 10.1351/pac199870040845 Published: APR 1998

Conference Title: 32nd International Conference on Coordination Chemistry

Conference Date: AUG 24-29, 1997

Conference Location: SANTIAGO, CHILE

Record 60 of 71

Title: Role of o-methylene-bridged bis(aniline) as a spectroscopic probe for the metal coordination environment

Author(s): Lesueur, W (Lesueur, W); Rogers, AJ (Rogers, AJ); Floriani, C (Floriani, C); Chiesi-Villa, A (Chiesi-Villa, A); Rizzoli, C (Rizzoli, C)

Source: INORGANIC CHEMISTRY Volume: 37 Issue: 1 Pages: 44-49 DOI: 10.1021/ic9706010 Published: JAN 12 1998

Record 61 of 71

Title: Conformational flexibility within the chelate rings of [Pt(en)(CBDCA-O,O')], an analogue of the antitumour drug carboplatin: X-ray crystallographic and solid-state NMR studies

Author(s): Guo, ZJ (Guo, ZJ); Habtemariam, A (Habtemariam, A); Sadler, PJ (Sadler, PJ); Palmer, R (Palmer, R); Potter, BS (Potter, BS)

Source: NEW JOURNAL OF CHEMISTRY Volume: 22 Issue: 1 Pages: 11-14 DOI: 10.1039/a706739i Published: JAN 1998

Record 62 of 71

Title: X-ray and solution structure of inosine 5'-monophosphate coordinated to (ethylenediamine)palladium(II). The importance of intramolecular hydrogen bonding

Author(s): Rau, T (Rau, T); vanEldik, R (vanEldik, R)

Source: CHEMISCHE BERICHTE-RECUEIL Volume: 130 Issue: 10 Pages: 1551-1555 DOI: 10.1002/cber.19971301032 Published: OCT 1997

Record 63 of 71

Title: pH-dependent competition between kappa(2)N-7,O(P) macrochelation and mu-N-1,N-7 oligomer formation for (eta(6)-arene)Ru-II complexes of adenosine and guanosine 5'-mono-, -di- and -tri-phosphates

Author(s): Korn, S (Korn, S); Sheldrick, WS (Sheldrick, WS)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 12 Pages: 2191-2199 DOI: 10.1039/a700976c Published: JUN 21 1997

Record 64 of 71

Title: Complex formation and ligand substitution reactions of (2-picolylamine)palladium(II) with various biologically relevant ligands. Characterization of (2-picolylamine)(1,1-cyclobutanedicarboxylato)palladium(II)

Author(s): Rau, T (Rau, T); Shoukry, M (Shoukry, M); vanEldik, R (vanEldik, R)

Source: INORGANIC CHEMISTRY Volume: 36 Issue: 7 Pages: 1454-1463 DOI: 10.1021/ic961192v Published: MAR 26 1997

Record 65 of 71

Title: Preparation and structural characterization of a series of ternary palladium(II) binuclear complexes containing triazolopyrimidinate bridges

Author(s): Navarro, JAR (Navarro, JAR); Romero, MA (Romero, MA); Salas, JM (Salas, JM)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 6 Pages: 1001-1005 DOI: 10.1039/a606257a Published: MAR 21 1997

Record 66 of 71

Title: Ternary palladium(II)-glycylmethionine-nucleobase complexes: Solution studies and crystal structure of the 9-methylguanine compound

Author(s): Wienken, M (Wienken, M); Kiss, A (Kiss, A); Sovago, I (Sovago, I); Fusch, EC (Fusch, EC); Lippert, B (Lippert, B)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 4 Pages: 563-568 DOI: 10.1039/a605872h Published: FEB 21 1997

Record 67 of 71

Title: Binuclear platinum(II) triazolopyrimidine bridged complexes. Preparation, crystal structure, NMR spectroscopy, and ab initio MO investigation on the bonding nature of the Pt(II)center dot center dot center dot Pt(II) interaction in the model compound {Pt-2[NHCHN(C(CH₂)(CH₃))](4)}

Author(s): Navarro, JAR (Navarro, JAR); Romero, MA (Romero, MA); Salas, JM (Salas, JM); Quiros, M (Quiros, M); ElBahraoui, J (ElBahraoui, J); Molina, J (Molina, J)

Source: INORGANIC CHEMISTRY Volume: 35 Issue: 26 Pages: 7829-7835 DOI: 10.1021/ic960496e Published: DEC 18 1996

Record 68 of 71

Title: Aspects of the stereochemistry of bis-guanosine-5'-monophosphate diamine platinum complexes

Author(s): Pasini, A (Pasini, A); DeGiacomo, L (DeGiacomo, L)

Source: INORGANICA CHIMICA ACTA Volume: 248 Issue: 2 Pages: 225-230 DOI: 10.1016/0020-1693(96)05006-2 Published: JUL 15 1996

Record 69 of 71

Title: Stabilization of monofunctional platinum-nucleotide adducts: Reactions of N-acetyl-L-methionine complexes with guanosine 5'-monophosphate and guanylyl(3'-5')guanosine

Author(s): Barnham, KJ (Barnham, KJ); Guo, ZJ (Guo, ZJ); Sadler, PJ (Sadler, PJ)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 13 Pages: 2867-2876 DOI: 10.1039/dt9960002867 Published: JUL 7 1996

Record 70 of 71

Title: Complexation of nickel(II) with guanosine 5'-monophosphate and inosine 5'-monophosphate: A potentiometric and calorimetric study

Author(s): Herrero, LA (Herrero, LA); Fiol, JJ (Fiol, JJ); Mas, F (Mas, F); Cerda, V (Cerda, V); Terron, A (Terron, A)

Source: INORGANIC CHEMISTRY Volume: 35 Issue: 13 Pages: 3786-3791 DOI: 10.1021/ic951219v Published: JUN 19 1996

Record 71 of 71

Title: Mechanistic insight from kinetic studies on the interaction of model palladium(II) complexes with nucleic acid components

Author(s): Rau, T (Rau, T); vanEldik, R (vanEldik, R)

Source: METAL IONS IN BIOLOGICAL SYSTEMS, VOL 32 Book Series: METAL IONS IN BIOLOGICAL SYSTEMS Volume: 32 Pages: 339-378 Published: 1996

BARNHAM KJ, 1995, J CHEM SOC DALTON, P3721, DOI 10.1039/dt9950003721

Record 1 of 72

Title: Radiolabeling of Cisplatin and Its Biodistribution in an Experimental Model of Lung Carcinogenesis

Author(s): Rozy, K (Rozy, Kemal); Piyali, C (Piyali, Chatterji); Chadha, VD (Chadha, Vijayta D.)

Source: JOURNAL OF ENVIRONMENTAL PATHOLOGY TOXICOLOGY AND ONCOLOGY Volume: 33 Issue: 1 Pages: 11-17 Published: 2014

Record 2 of 72

Title: Kinetics and mechanism for the substitution reactions of monoaquamonochloro-(piperazine) palladium (II) complex with L-methionine and thiourea in aqueous solution

Author(s): Shoukry, AA (Shoukry, Azza A.)

Source: JOURNAL OF CHEMICAL SCIENCES Volume: 125 Issue: 3 Pages: 643-651 Published: MAY 2013

Record 3 of 72

Title: Using Raman spectroscopy to understand the origin of the phase transition observed in the crystalline sulfur based amino acid L-methionine

Author(s): Lima, JA (Lima, Jose A., Jr.); Freire, PTC (Freire, Paulo T. C.); Melo, FEA (Melo, Francisco E. A.); Mendes, J (Mendes Filho, J.); Fischer, J (Fischer, Jennifer); Havenith, RWA (Havenith, Remco W. A.); Broer, R (Broer, Ria); Bordallo, HN (Bordallo, Heloisa N.)

Source: VIBRATIONAL SPECTROSCOPY Volume: 65 Pages: 132-141 DOI: 10.1016/j.vibspec.2012.12.004 Published: MAR 2013

Record 4 of 72

Title: Competition between glutathione and DNA oligonucleotides for ruthenium(II) arene anticancer complexes

Author(s): Wang, FY (Wang, Fuyi); Xu, JJ (Xu, Jingjing); Wu, K (Wu, Kui); Weidt, SK (Weidt, Stefan K.); Mackay, CL (Mackay, C. Logan); Langridge-Smith, PRR (Langridge-Smith, Pat R. R.); Sadler, PJ (Sadler, Peter J.)

Source: DALTON TRANSACTIONS Volume: 42 Issue: 9 Pages: 3188-3195 DOI: 10.1039/c2dt32091f Published: 2013

Record 5 of 72

Title: Interactions of anticancer Pt compounds with proteins: an overlooked topic in medicinal inorganic chemistry?

Author(s): Casini, A (Casini, Angela); Reedijk, J (Reedijk, Jan)

Source: CHEMICAL SCIENCE Volume: 3 Issue: 11 Pages: 3135-3144 DOI: 10.1039/c2sc20627g Published: NOV 2012

Record 6 of 72

Title: Effects of amine ligand bulk and hydrogen bonding on the rate of reaction of platinum(II) diamine complexes with key nucleotide and amino acid residues

Author(s): Sandlin, RD (Sandlin, Rebecca D.); Whelan, CJ (Whelan, Celia J.); Bradley, MS (Bradley, M. Samuel); Williams, KM (Williams, Kevin M.)

Source: INORGANICA CHIMICA ACTA Volume: 391 Pages: 135-140 DOI: 10.1016/j.ica.2012.05.008 Published: AUG 30 2012

Record 7 of 72

Title: Effect of Thioethers on DNA Platination by trans-Platinum Complexes

Author(s): Li, C (Li, Chan); Huang, RR (Huang, Rongrong); Ding, Y (Ding, Yi); Sletten, E (Sletten, Einar); Arnesano, F (Arnesano, Fabio); Losacco, M (Losacco, Maurizio); Natile, G (Natile, Giovanni); Liu, YZ (Liu, Yangzhong)

Source: INORGANIC CHEMISTRY Volume: 50 Issue: 17 Pages: 8168-8176 DOI: 10.1021/ic200637t Published: SEP 5 2011

Record 8 of 72

Title: Reaction of platinum(II) diamine and triamine complexes with selenomethionine

Author(s): Williams, KM (Williams, Kevin M.); Dudgeon, RP (Dudgeon, Rebekkah P.); Chmely, SC (Chmely, Stephen C.); Robey, SR (Robey, Stephanie R.)

Source: INORGANICA CHIMICA ACTA Volume: 368 Issue: 1 Pages: 187-193 DOI: 10.1016/j.ica.2011.01.002 Published: MAR 15 2011

Record 9 of 72

Title: New Insights Into the Biotransformation and Pharmacokinetics of Oxaliplatin

Author(s): Jerremalm, E (Jerremalm, Elin); Wallin, I (Wallin, Inger); Ehrsson, H (Ehrsson, Hans)

Source: JOURNAL OF PHARMACEUTICAL SCIENCES Volume: 98 Issue: 11 Pages: 3879-3885 DOI: 10.1002/jps.21732 Published: NOV 2009

Record 10 of 72

Title: Trans labilization of am(m)ine ligands from platinum(II) complexes by cancer cell extracts

Author(s): Kasherman, Y (Kasherman, Yonit); Sturup, S (Sturup, Stefan); Gibson, D (Gibson, Dan)

Source: JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY Volume: 14 Issue: 3 Pages: 387-399 DOI: 10.1007/s00775-008-0456-6 Published: MAR 2009

Record 11 of 72

Title: Cytotoxicity studies of [PtCl₂(H(2)bim)] (H(2)bim=2,2'-biimidazole): Study of its interaction with a small protein PCI (potato carboxypeptidase inhibitor)

Author(s): Parajo, Y (Parajo, Yolanda); Arolas, JL (Arolas, Joan L.); Moreno, V (Moreno, Virtudes); Sanchez-Gonzalez, A (Sanchez-Gonzalez, Angeles); Sordo, J (Sordo, Jose); de Llorens, R (de Llorens, Rafael); Aviles, FX (Aviles, Francesc X.); Lorenzo, J (Lorenzo, Julia)

Source: INORGANICA CHIMICA ACTA Volume: 362 Issue: 3 Pages: 946-952 DOI: 10.1016/j.ica.2008.01.006 Published: FEB 20 2009

Record 12 of 72

Title: Downstream reaction of cisplatin with methionine-containing peptides: pH-dependent competition between hydrolytic cleavage and macrochelation

Author(s): Hohage, O (Hohage, Oliver); Manka, S (Manka, Sven); Sheldrick, WS (Sheldrick, William S.)

Source: INORGANICA CHIMICA ACTA Volume: 362 Issue: 3 Pages: 953-966 DOI: 10.1016/j.ica.2008.01.011 Published: FEB 20 2009

Record 13 of 72

Title: Trans-influence of nitrogen- and sulfur-containing ligands in trans-platinum complexes: a density functional theory study

Author(s): Manalastas, WW (Manalastas, William W., Jr.); Dy, ES (Dy, Eben S.); Quevada, NP (Quevada, Nikko P.); Kasai, H (Kasai, Hideaki)

Source: JOURNAL OF PHYSICS-CONDENSED MATTER Volume: 21 Issue: 6 Article Number: 064210 DOI: 10.1088/0953-8984/21/6/064210 Published: FEB 11 2009

Conference Title: 2nd International Conference on Quantum Simulators and Design

Conference Date: MAY 31-JUN 03, 2008

Conference Location: Tokyo, JAPAN

Record 14 of 72

Title: Methionine Can Favor DNA Platination by trans-Coordinated Platinum Antitumor Drugs

Author(s): Li, C (Li, Chan); Li, ZY (Li, Zhanyong); Sletten, E (Sletten, Einar); Arnesano, F (Arnesano, Fabio); Losacco, M (Losacco, Maurizio); Natile, G (Natile, Giovanni); Liu, YZ (Liu, Yangzhong)

Source: ANGEWANDTE CHEMIE-INTERNATIONAL EDITION Volume: 48 Issue: 45 Pages: 8497-8500 DOI: 10.1002/anie.200902948 Published: 2009

Record 15 of 72

Title: Study by HPLC-MS of the interaction of platinum antitumor complexes with potato carboxypeptidase inhibitor (PCI)

Author(s): Martinez, A (Martinez, Alberto); Moreno, V (Moreno, Virtudes); Sanglas, L (Sanglas, Laura); de Llorens, R (de Llorens, Rafael); Aviles, FX (Aviles, Francesc X.); Lorenzo, J (Lorenzo, Julia)

Source: BIOORGANIC & MEDICINAL CHEMISTRY Volume: 16 Issue: 14 Pages: 6832-6840 DOI: 10.1016/j.bmc.2008.05.064 Published: JUL 15 2008

Record 16 of 72

Title: Site selectivity of platinum anticancer therapeutics

Author(s): Wu, B (Wu, Bin); Droge, P (Droge, Peter); Davey, CA (Davey, Curt A.)

Source: NATURE CHEMICAL BIOLOGY Volume: 4 Issue: 2 Pages: 110-112 DOI: 10.1038/nchembio.2007.58 Published: FEB 2008

Record 17 of 72

Title: Kinetics and mechanism of the substitution reactions of [PtCl(bpma)](+), [PtCl(gly-met-S,N,N)] and their aqua analogues with L-methionine, glutathione and 5'-GMP

Author(s): Bugarcic, ZD (Bugarcic, Zivadin D.); Rosic, J (Rosic, Jovana); Petrovic, B (Petrovic, Biljana); Summa, N (Summa, Nadine); Puchta, R (Puchta, Raph); Van Eldik, R (Van Eldik, Rudi)

Source: JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY Volume: 12 Issue: 8 Pages: 1141-1150 DOI: 10.1007/s00775-007-0283-1 Published: NOV 2007

Record 18 of 72

Title: Biological recognition patterns implicated by the formation and stability of ternary metal ion complexes of low-molecular-weight formed with amino acid/peptides and nucleobases/nucleosides

Author(s): Terron, A (Terron, Angel); Fiol, JJ (Fiol, Juan J.); Garcia-Raso, A (Garcia-Raso, Angel); Barcelo-Oliver, M (Barcelo-Oliver, Miquel); Moreno, V (Moreno, Virtudes)

Source: COORDINATION CHEMISTRY REVIEWS Volume: 251 Issue: 15-16 Pages: 1973-1986 DOI: 10.1016/j.ccr.2007.03.006 Published: AUG 2007

Record 19 of 72

Title: Platinum(II) complexes with L-methionylglycine and L-methionyl-L-leucine ligands: Synthesis, characterization and in vitro antitumoral activity

Author(s): Kaluderovic, GN (Kaluderovic, Goran N.); Schmidt, H (Schmidt, Harry); Paschke, R (Paschke, Reinhard); Kalinowski, B (Kalinowski, Bernd); Dietrich, A (Dietrich, Andrea); Mueller, T (Mueller, Thomas); Steinborn, D (Steinborn, Dirk)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 101 Issue: 3 Pages: 543-549 DOI: 10.1016/j.jinorgbio.2006.11.016 Published: MAR 2007

Record 20 of 72

Title: Insights into the mechanism of action of platinum anticancer drugs from multinuclear NMR spectroscopy

Author(s): Berners-Price, SJ (Berners-Price, Susan J.); Ronconi, L (Ronconi, Luca); Sadler, PJ (Sadler, Peter J.)

Source: PROGRESS IN NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY Volume: 49 Issue: 1 Pages: 65-98 DOI: 10.1016/j.pnmrs.2006.05.002 Published: AUG 15 2006

Record 21 of 72

Title: Theoretical investigation of detailed thermodynamic character of possible difunctional adducts model

Author(s): Chang, GR (Chang, GR); Zhou, LX (Zhou, LX); Chen, D (Chen, D)

Source: CHINESE JOURNAL OF STRUCTURAL CHEMISTRY Volume: 25 Issue: 5 Pages: 533-542 Published: 2006

Record 22 of 72

Title: Competition between glutathione and guanine for a ruthenium(II) arene anticancer complex: Detection of a sulfenato intermediate

Author(s): Wang, FY (Wang, FY); Xu, JJ (Xu, JJ); Habtemariam, A (Habtemariam, A); Bella, J (Bella, J); Sadler, PJ (Sadler, PJ)

Source: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY Volume: 127 Issue: 50 Pages: 17734-17743 DOI: 10.1021/ja053387k Published: DEC 21 2005

Record 23 of 72

Title: Effects of geometric isomerism in dinuclear antitumor platinum complexes on their interactions with N-acetyl-L-methionine

Author(s): Oehlsen, ME (Oehlsen, ME); Hegmans, A (Hegmans, A); Qu, Y (Qu, Y); Farrell, N (Farrell, N)

Source: JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY Volume: 10 Issue: 5 Pages: 433-442 DOI: 10.1007/s00775-005-0009-1 Published: AUG 2005

Record 24 of 72

Title: Presence of cancerostatic platinum compounds in hospital wastewater and possible elimination by adsorption to activated sludge

Author(s): Lenz, K (Lenz, K); Hann, S (Hann, S); Koellensperger, G (Koellensperger, G); Stefanka, Z (Stefanka, Z); Stingeder, G (Stingeder, G); Weissenbacher, N (Weissenbacher, N); Mahnik, SN (Mahnik, SN); Fuerhacker, M (Fuerhacker, M)

Source: SCIENCE OF THE TOTAL ENVIRONMENT Volume: 345 Issue: 1-3 Pages: 141-152 DOI: 10.1016/j.scitotenv.2004.11.007 Published: JUN 1 2005

Record 25 of 72

Title: Competitive reactions of a ruthenium arene anticancer complex with histidine, cytochrome c and an oligonucleotide

Author(s): Wang, FY (Wang, FY); Bella, J (Bella, J); Parkinson, JA (Parkinson, JA); Sadler, PJ (Sadler, PJ)

Source: JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY Volume: 10 Issue: 2 Pages: 147-155 DOI: 10.1007/s00775-004-0621-5 Published: MAR 2005

Record 26 of 72

Title: Cisplatin-mediated selective hydrolytic cleavage of methionine-containing peptides with neighboring serine or histidine residues

Author(s): Manka, S (Manka, S); Becker, F (Becker, F); Hohage, O (Hohage, O); Sheldrick, WS (Sheldrick, WS)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 98 Issue: 11 Pages: 1947-1956 DOI: 10.1016/j.jinorgbio.2004.08.016 Published: NOV 2004

Record 27 of 72

Title: Insights into the reaction of transplatin with DNA and proteins: Methionine-mediated formation of histidine-guanine trans-Pt(NH₃)₂ cross-links

Author(s): Marchan, V (Marchan, V); Pedroso, E (Pedroso, E); Grandas, A (Grandas, A)

Source: CHEMISTRY-A EUROPEAN JOURNAL Volume: 10 Issue: 21 Pages: 5369-5375 DOI: 10.1002/chem.200400470 Published: OCT 25 2004

Record 28 of 72

Title: Platinum-nitrogen bond rearrangements in isomeric cis-Pt-II(NH₃)₂-bis(9-methyladenine) complexes under alkaline conditions

Author(s): Arpalahti, J (Arpalahti, J); Klika, KD (Klika, KD)

Source: EUROPEAN JOURNAL OF INORGANIC CHEMISTRY Issue: 23 Pages: 4195-4201 DOI: 10.1002/ejic.200300365 Published: DEC 5 2003

Record 29 of 72

Title: The influence of methionine-containing peptides on the reaction of carboplatin with 5'-guanosine monophosphate: a comparison with cisplatin

Author(s): Kleine, M (Kleine, M); Wolters, D (Wolters, D); Sheldrick, WS (Sheldrick, WS)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 97 Issue: 4 Pages: 354-363 DOI: 10.1016/S0162-0134(03)00289-7 Published: DEC 1 2003

Record 30 of 72

Title: Reactivity of platinum(II) ammine bonds trans to sulfur in methionine and thiolate complexes

Author(s): Appleton, TG (Appleton, TG); Begum, S (Begum, S); Hadi, S (Hadi, S)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 96 Issue: 1 Pages: 92-92 DOI:

10.1016/S0162-0134(03)80553-6 Published: JUL 15 2003

Conference Title: 11th International Conference on Biological Inorganic Chemistry

Conference Date: JUL 19-23, 2003

Conference Location: CAIMS, AUSTRALIA

Record 31 of 72

Title: Pt(II) complexes with N-(3-pyridyl)-2-(4(trifluoromethyl)phenyl)diazene-carboxamide and their reactions with glutathione

Author(s): Grabner, S (Grabner, S); Kosmrlj, J (Kosmrlj, J); Bukovec, N (Bukovec, N); Cemazar, M (Cemazar, M)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 95 Issue: 2-3 Pages: 105-112 DOI:

10.1016/S0162-0134(03)00092-8 Published: JUN 1 2003

Record 32 of 72

Title: Sequential bond energies of Pt+(NH₃)(x) (x=1-4) determined by collision-induced dissociation and theory

Author(s): Liyanage, R (Liyanage, R); Styles, ML (Styles, ML); O'Hair, RAJ (O'Hair, RAJ); Armentrout, PB (Armentrout, PB)

Source: INTERNATIONAL JOURNAL OF MASS SPECTROMETRY Volume: 227 Issue: 1 Pages:

47-62 DOI: 10.1016/S1387-3806(03)00050-2 Published: MAY 15 2003

Record 33 of 72

Title: Novel adducts of the anticancer drug oxaliplatin with glutathione and redox reactions with glutathione disulfide

Author(s): Fakih, S (Fakih, S); Munk, VP (Munk, VP); Shipman, MA (Shipman, MA); Murdoch, PD (Murdoch, PD); Parkinson, JA (Parkinson, JA); Sadler, PJ (Sadler, PJ)

Source: EUROPEAN JOURNAL OF INORGANIC CHEMISTRY Issue: 6 Pages: 1206-1214 DOI:

10.1002/ejic.200390156 Published: MAR 2003

Record 34 of 72

Title: Tumour-inhibiting platinum complexes-state of the art and future perspectives

Author(s): Jakupec, MA (Jakupec, MA); Galanski, M (Galanski, M); Keppler, BK (Keppler, BK)

Source: REVIEWS OF PHYSIOLOGY, BIOCHEMISTRY AND PHARMACOLOGY, VOL 146 Book

Series: REVIEWS OF PHYSIOLOGY BIOCHEMISTRY AND PHARMACOLOGY Volume: 146

Pages: 1-53 DOI: 10.1007/s10254-002-0001-x Published: 2003

Record 35 of 72

Title: L-Methionine inhibits reaction of DNA with anticancer cis-diamminedichloroplatinum(II)

Author(s): Vrana, O (Vrana, O); Brabec, V (Brabec, V)

Source: BIOCHEMISTRY Volume: 41 Issue: 36 Pages: 10994-10999 DOI: 10.1021/bi0257134

Published: SEP 10 2002

Record 36 of 72

Title: Monitoring the reactions of the anticancer drug carboplatin with the chemopreventive agent selenomethionine by electrospray mass spectrometry and [H-1,N-15] HSQC NMR spectroscopy

Author(s): Liu, Q (Liu, Q); Lin, J (Lin, J); Jiang, PJ (Jiang, PJ); Zhang, JY (Zhang, JY); Zhu, LG (Zhu, LG); Guo, ZJ (Guo, ZJ)

Source: EUROPEAN JOURNAL OF INORGANIC CHEMISTRY Issue: 8 Pages: 2170-2178 Article

Number: Published: AUG 2002

Record 37 of 72

Title: Interactions of cisplatin and transplatin with proteins. Comparison of binding kinetics, binding sites and reactivity of the Pt-protein adducts of cisplatin and transplatin towards biological nucleophiles

Author(s): Peleg-Shulman, T (Peleg-Shulman, T); Najajreh, Y (Najajreh, Y); Gibson, D (Gibson, D)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 91 Issue: 1 Pages: 306-311 Article

Number: DOI: 10.1016/S0162-0134(02)00362-8 Published: JUL 25 2002

Conference Title: 10th International Conference on Bioinorganic Chemistry

Conference Date: AUG 26-31, 2001

Conference Location: FLORENCE, ITALY

Record 38 of 72

Title: Molecular aspects of resistance to antitumor platinum drugs

Author(s): Brabec, V (Brabec, V); Kasparkova, J (Kasparkova, J)

Source: DRUG RESISTANCE UPDATES Volume: 5 Issue: 3-4 Pages: 147-161 Article Number:

DOI: 10.1016/S1368-7646(02)00047-X Published: JUN-AUG 2002

Record 39 of 72

Title: On the competition of the purine bases, functionalities of peptide side chains, and protecting agents for the coordination sites of dicationic cisplatin derivatives

Author(s): Deubel, DV (Deubel, DV)

Source: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY Volume: 124 Issue: 20 Pages:

5834-5842 DOI: 10.1021/ja012221q Published: MAY 22 2002

Record 40 of 72

Title: HPLC determination of binding of cisplatin to DNA in the presence of biological thiols:

Implications of dominant platinum-thiol binding to its anticancer action

Author(s): Volckova, E (Volckova, E); Dudones, LP (Dudones, LP); Bose, RN (Bose, RN)

Source: PHARMACEUTICAL RESEARCH Volume: 19 Issue: 2 Pages: 124-131 Article Number:

DOI: 10.1023/A:1014268729658 Published: FEB 2002

Record 41 of 72

Title: Conformational and infrared spectral studies of L-methionine and its N-deuterated isotopomer as isolated zwitterions

Author(s): Cao, XL (Cao, XL); Fischer, G (Fischer, G)

Source: JOURNAL OF PHYSICAL CHEMISTRY A Volume: 106 Issue: 1 Pages: 41-50 DOI:

10.1021/jp012908x Published: JAN 10 2002

Record 42 of 72

Title: DNA modifications by antitumor platinum and ruthenium compounds: Their recognition and repair

Author(s): Brabec, V (Brabec, V)

Source: PROGRESS IN NUCLEIC ACID RESEARCH AND MOLECULAR BIOLOGY, VOL 71 Book

Series: PROGRESS IN NUCLEIC ACID RESEARCH AND MOLECULAR BIOLOGY Volume: 71

Pages: 1-68 DOI: 10.1016/S0079-6603(02)71040-4 Published: 2002

Record 43 of 72

Title: Comparison of the binding behavior of oxaliplatin, cisplatin and analogues to 5'-GMP in the presence of sulfur-containing molecules by means of capillary electrophoresis and electrospray mass spectrometry

Author(s): Kung, A (Kung, A); Strickmann, DB (Strickmann, DB); Galanski, M (Galanski, M); Keppler, BK (Keppler, BK)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 86 Issue: 4 Pages: 691-698 DOI:

10.1016/S0162-0134(01)00225-2 Published: OCT 2001

Record 44 of 72

Title: Cisplatin-protein adducts are efficiently removed by glutathione but not by 5'-guanosine monophosphate

Author(s): Peleg-Shulman, T (Peleg-Shulman, T); Gibson, D (Gibson, D)

Source: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY Volume: 123 Issue: 13 Pages: 3171-3172 DOI: 10.1021/ja005854y Published: APR 4 2001

Record 45 of 72

Title: Towards a better understanding of the cisplatin mode of action

Author(s): Marchan, V (Marchan, V); Moreno, V (Moreno, V); Pedroso, E (Pedroso, E); Grandas, A (Grandas, A)

Source: CHEMISTRY-A EUROPEAN JOURNAL Volume: 7 Issue: 4 Pages: 808-815 DOI: 10.1002/1521-3765(20010216)7:4<808::AID-CHEM808>3.0.CO;2-6 Published: FEB 16 2001

Record 46 of 72

Title: The kinetics of substitution reactions of mixed platinum(II)-bis(nucleoside) complexes in aqueous solution in the presence of thiourea; X-ray crystal structure determination of cis-[Pt(NH₃)(2)(adenosine-N7)(2)](ClO₄)(2)center dot 3.5 H₂O

Author(s): Mikola, M (Mikola, M); Klika, KD (Klika, KD); Arpalahti, J (Arpalahti, J)

Source: CHEMISTRY-A EUROPEAN JOURNAL Volume: 6 Issue: 18 Pages: 3404-3413 DOI: 10.1002/1521-3765(20000915)6:18<3404::AID-CHEM3404>3.0.CO;2-R Published: SEP 15 2000

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Title: Kinetics of binding properties of 5'-GMP with cisplatin under simulated physiological conditions by capillary electrophoresis

Author(s): Zenker, A (Zenker, A); Galanski, M (Galanski, M); Bereuter, TL (Bereuter, TL); Keppler, BK (Keppler, BK); Lindner, W (Lindner, W)

Source: JOURNAL OF CHROMATOGRAPHY B Volume: 745 Issue: 1 Pages: 211-219 DOI: 10.1016/S0378-4347(00)00096-7 Published: AUG 4 2000

Conference Title: Analytical Separations 2000 Symposium

Conference Date: OCT 13-16, 1999

Conference Location: VAALS, NETHERLANDS

Record 48 of 72

Title: Thermodynamic, kinetic and structural studies on the ternary palladium(II) complexes of thioether ligands

Author(s): Nagy, Z (Nagy, Z); Fabian I (Fabian, I); Sovago I (Sovago, I)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 79 Issue: 1-4 Pages: 129-138 DOI: 10.1016/S0162-0134(99)00157-9 Published: APR 2000

Conference Title: 5th International Symposium on Applied Bioinorganic Chemistry (5 ISABC)

Conference Date: APR 13-17, 1999

Conference Location: CORFU, GREECE

Record 49 of 72

Title: Medicinal inorganic chemistry

Author(s): Guo, ZJ (Guo, ZJ); Sadler, PJ (Sadler, PJ)

Source: ADVANCES IN INORGANIC CHEMISTRY, VOL 49 Book Series: ADVANCES IN INORGANIC CHEMISTRY Volume: 49 Pages: 183-306 Published: 2000

Record 50 of 72

Title: Homonuclear Pd-II and Pt-II and heteronuclear (PdAuI)-Au-II and (PtAuI)-Au-II complexes of a tripod triphosphine ligand: Synthesis, characterization and reactions with molecules of biological relevance

Author(s): Sevillano, P (Sevillano, P); Habtemariam, A (Habtemariam, A); Seijo, MIG (Seijo, MIG); Castineiras, A (Castineiras, A); Parsons, S (Parsons, S); Garcia, ME (Garcia, ME); Sadler, PJ (Sadler, PJ)

Source: AUSTRALIAN JOURNAL OF CHEMISTRY Volume: 53 Issue: 8 Pages: 635-644 DOI: 10.1071/CH00028 Published: 2000

Record 51 of 72

Title: Study of the interaction between a histidine-deoxyguanosine hybrid and cisplatin

Author(s): Beltran, M (Beltran, M); Onoa, GB (Onoa, GB); Pedroso, E (Pedroso, E); Moreno, V (Moreno, V); Grandas, A (Grandas, A)

Source: JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY Volume: 4 Issue: 6 Pages: 701-707 DOI: 10.1007/s007750050342 Published: DEC 1999

Record 52 of 72

Title: Identification of platination sites on human serum transferrin using C-13 and N-15 NMR spectroscopy

Author(s): Cox, MC (Cox, MC); Barnham, KJ (Barnham, KJ); Frenkiel, TA (Frenkiel, TA); Hoeschele, JD (Hoeschele, JD); Mason, AB (Mason, AB); He, QY (He, QY); Woodworth, RC (Woodworth, RC); Sadler, PJ (Sadler, PJ)

Source: JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY Volume: 4 Issue: 5 Pages: 621-631 DOI: 10.1007/s007750050386 Published: OCT 1999

Record 53 of 72

Title: Reactions of cisplatin hydrolytes with methionine, cysteine, and plasma ultrafiltrate studied by a combination of HPLC and NMR techniques

Author(s): El-Khateeb, M (El-Khateeb, M); Appleton, TG (Appleton, TG); Gahan, LR (Gahan, LR); Charles, BG (Charles, BG); Berners-Price, SJ (Berners-Price, SJ); Bolton, AM (Bolton, AM)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 77 Issue: 1-2 Pages: 13-21 DOI: 10.1016/S0162-0134(99)00146-4 Published: OCT 1999

Conference Title: 8th International Symposium on Platinum and Other Metal Coordination Compound in Cancer Chemotherapy

Conference Date: MAR 28-31, 1999

Conference Location: OXFORD, ENGLAND

Record 54 of 72

Title: Why does cisplatin reach guanine-N7 with competing S-donor ligands available in the cell?

Author(s): Reedijk, J (Reedijk, J)

Source: CHEMICAL REVIEWS Volume: 99 Issue: 9 Pages: 2499-2510 DOI: 10.1021/cr980422f Published: SEP 1999

Record 55 of 72

Title: Gold(I)-induced chelate ring-opening of palladium(II) and platinum(II) triphos complexes

Author(s): Sevillano, P (Sevillano, P); Habtemariam, A (Habtemariam, A); Parsons, S (Parsons, S); Castineiras, A (Castineiras, A); Garcia, ME (Garcia, ME); Sadler, PJ (Sadler, PJ)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 16 Pages: 2861-2870 DOI: 10.1039/a903775f Published: AUG 21 1999

Record 56 of 72

Title: Interactions of organometallic anticancer agents with nucleotides and DNA

Author(s): Yang, P (Yang, P); Guo, ML (Guo, ML)

Source: COORDINATION CHEMISTRY REVIEWS Volume: 185-6 Pages: 189-211 DOI: 10.1016/S0010-8545(98)00268-9 Published: MAY 1999

Conference Title: XXXIII International Conference on Coordination Chemistry

Conference Date: AUG 30-SEP 04, 1998

Conference Location: FLORENCE, ITALY

Record 57 of 72

Title: kappa N-2(imidazole), S(thioether) macrochelation of [Pt(en)](2+) (en=H₂NCH₂CH₂NH₂) by terminal histidine and methionine side-chains in tri-, tetra- and penta-peptides

Author(s): Wolters, D (Wolters, D); Sheldrick, WS (Sheldrick, WS)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 7 Pages: 1121-1129 DOI: 10.1039/a809044k Published: APR 7 1999

Record 58 of 72

Title: Three new platinum(II)-dipeptide complexes

Author(s): Shi, DH (Shi, DH); Hambley, TW (Hambley, TW); Freeman, HC (Freeman, HC)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 73 Issue: 3 Pages: 173-186 DOI: 10.1016/S0162-0134(99)00015-X Published: MAR 1999

Record 59 of 72

Title: Substitution reactions of platinum(II)-nucleobase complexes by associative mechanism involving pseudorotation of the five-coordinate intermediate

Author(s): Mikola, M (Mikola, M); Klika, KD (Klika, KD); Hakala, A (Hakala, A); Arpalahti, J (Arpalahti, J)

Source: INORGANIC CHEMISTRY Volume: 38 Issue: 3 Pages: 571-578 DOI: 10.1021/ic9810945 Published: FEB 8 1999

Record 60 of 72

Title: Platinum(II) complexes with l-amino-4-thiapentylphosphonic acid and its diethyl ester - Spectroscopic, electrospray mass spectrometric and X-ray studies

Author(s): Matczak-Jon, E (Matczak-Jon, E); Sawka-Dobrowolska, W (Sawka-Dobrowolska, W); Dobrzynska, D (Dobrzynska, D); Hoffmann, M (Hoffmann, M)

Source: POLYHEDRON Volume: 18 Issue: 16 Pages: 2169-2176 DOI: 10.1016/S0277-5387(99)00110-2 Published: 1999

Record 61 of 72

Title: Metal complexes in medicine: Design and mechanism of action

Author(s): Sadler, PJ (Sadler, PJ); Guo, ZJ (Guo, ZJ)

Source: PURE AND APPLIED CHEMISTRY Volume: 70 Issue: 4 Pages: 863-871 DOI: 10.1351/pac199870040863 Published: APR 1998

Conference Title: 8th International Conference on Bioinorganic Chemistry

Conference Date: JUL 27-AUG 01, 1997

Conference Location: YOKOHAMA, JAPAN

Record 62 of 72

Title: Natural abundance nitrogen-15 NMR spectroscopy of rhodium complexes by indirect detection using phosphorus

Author(s): Carlton, L (Carlton, L); Weber, R (Weber, R)

Source: MAGNETIC RESONANCE IN CHEMISTRY Volume: 35 Issue: 12 Pages: 817-820 DOI: 10.1002/(SICI)1097-458X(199712)35:12<817::AID-OMR172>3.0.CO;2-P Published: DEC 1997

Record 63 of 72

Title: Intramolecular competition between histidine and methionine side chains in reactions of dipeptides with $[\text{Pt}(\text{en})(\text{H}_2\text{O})_2](2+)$ (en equals $\text{H}_2\text{NCH}_2\text{CH}_2\text{NH}_2$)

Author(s): Frohling, CDW (Frohling, CDW); Sheldrick, WS (Sheldrick, WS)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 22 Pages: 4411-4420 DOI: 10.1039/a704002d Published: NOV 21 1997

Record 64 of 72

Title: Donor atom preferences in complexes of platinum and palladium with amino acids and related molecules

Author(s): Appleton, TG (Appleton, TG)

Source: COORDINATION CHEMISTRY REVIEWS Volume: 166 Pages: 313-359 DOI: 10.1016/S0010-8545(97)00047-7 Published: NOV 1997

Record 65 of 72

Title: Intramolecular migration of $[\text{Pt}(\text{dien})](2+)$ (dien = 1,5-diamino-3-azapentane) from sulfur to imidazole-N-1 in histidylmethionine (his-meth)

Author(s): Frohling, CDW (Frohling, CDW); Sheldrick, WS (Sheldrick, WS)

Source: CHEMICAL COMMUNICATIONS Issue: 18 Pages: 1737-1738 DOI: 10.1039/a702904g Published: SEP 21 1997

Record 66 of 72

Title: Complexing properties of diastereoisomers of 1-(L-methionylamino)ethylphosphonic acid

Author(s): Lukes, I (Lukes, I); Blaha, L (Blaha, L); Kesner, F (Kesner, F); Rohovec, J (Rohovec, J); Hermann, P (Hermann, P)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 15 Pages: 2629-2637 DOI: 10.1039/a607316f Published: AUG 7 1997

Record 67 of 72

Title: Synthesis and structural properties of (diamine)platinum(II) complexes of bis(alkylthio)methylenepropanedioic acid. Insight into bonding mode

Author(s): Kim, KM (Kim, KM); Lee, SS (Lee, SS); Jung, OS (Jung, OS); Jun, MJ (Jun, MJ); Sohn, YS (Sohn, YS)

Source: INORGANICA CHIMICA ACTA Volume: 256 Issue: 2 Pages: 217-222 Published: MAR 31 1997

Record 68 of 72

Title: Studies on Pt-S bonds. Competition of chelating methylsulfanyl- or methylsulfinyl-acetate, -benzoate and -phenolate for Pt-II($\text{H}_2\text{NCH}_2\text{CH}_2\text{NH}_2$)

Author(s): Pasini, A (Pasini, A); Moroni, M (Moroni, M)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 6 Pages: 1093-1097 DOI: 10.1039/a605475g Published: MAR 21 1997

Record 69 of 72

Title: Metal amino acid (or peptide)-nucleoside (or related bases) ternary complexes

Author(s): Terron, A (Terron, A); Fiol, JJ (Fiol, JJ); Herrero, LA (Herrero, LA); GarciaRaso, A (GarciaRaso, A); Apella, MC (Apella, MC); Caubet, A (Caubet, A); Moreno, V (Moreno, V)

Source: ANALES DE QUIMICA Volume: 93 Issue: 1 Pages: 60-67 Published: 1997

Record 70 of 72

Title: Heavy metals as useful drugs

Author(s): Reedijk, J (Reedijk, J)

Source: CHIMIA Volume: 51 Issue: 1-2 Pages: 21-23 Published: JAN-FEB 1997

Record 71 of 72

Title: Stabilization of monofunctional platinum-nucleotide adducts: Reactions of N-acetyl-L-methionine complexes with guanosine 5'-monophosphate and guanylyl(3'-5')guanosine

Author(s): Barnham, KJ (Barnham, KJ); Guo, ZJ (Guo, ZJ); Sadler, PJ (Sadler, PJ)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 13 Pages: 2867-2876 DOI: 10.1039/dt9960002867 Published: JUL 7 1996

Record 72 of 72

Title: Improved understanding in platinum antitumour chemistry

Author(s): Reedijk, J (Reedijk, J)

Source: CHEMICAL COMMUNICATIONS Issue: 7 Pages: 801-806 DOI: 10.1039/cc9960000801 Published: APR 7 1996

VUCKOVIC G, 1995, CHROMATOGRAPHIA, V40, P445, DOI 10.1007/BF02269910

Record 1 of 8

Title: Salting-Out Chromatography - A Practical Review

Author(s): Komsta, L (Komsta, L.); Skibinski, R (Skibinski, R.); Bojarczuk, A (Bojarczuk, A.); Radon, M (Radon, M.)

Source: ACTA CHROMATOGRAPHICA Volume: 23 Issue: 2 Pages: 191-203 DOI: 10.1556/ACHrom.23.2011.2.1 Published: JUN 2011

Record 2 of 8

Title: Influence of inorganic mobile phase additives on the retention and separation efficiency of selected amino acids in thin-layer chromatography on cellulose layers

Author(s): Flieger, J (Flieger, Jolanta); Tatarczak, M (Tatarczak, Malgorzata)

Source: JOURNAL OF CHROMATOGRAPHIC SCIENCE Volume: 46 Issue: 6 Pages: 565-573 Published: JUL 2008

Record 3 of 8

Title: Chemometric analysis of retention data from salting-out thin-layer chromatography in relation to structural parameters and biological activity of chosen sulphonamides

Author(s): Flieger, J (Flieger, J.); Swieboda, R (Swieboda, R.); Tatarczak, M (Tatarczak, M.)

Source: JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES Volume: 846 Issue: 1-2 Pages: 334-340 DOI: 10.1016/j.jchromb.2006.08.028 Published: FEB 1 2007

Record 4 of 8

Title: Poly(ethylene glycol) as impregnator for silica gel in salting-out thin-layer chromatography of some Co(III) complexes

Author(s): Zivkovic-Radovanovic, V (Zivkovic-Radovanovic, V); Vuckovic, G (Vuckovic, G)

Source: CHROMATOGRAPHIA Volume: 62 Issue: 1-2 Pages: 91-97 DOI: 10.1365/s10337-005-0580-1 Published: JUL 2005

Record 5 of 8

Title: Trace metal distribution coefficients in the Mersey estuary, UK: Evidence for salting out of metal complexes

Author(s): Turner, A (Turner, A); Martino, M (Martino, M); le Roux, SM (le Roux, SM)

Source: ENVIRONMENTAL SCIENCE & TECHNOLOGY Volume: 36 Issue: 21 Pages: 4578-4584 DOI: 10.1021/es020075y Published: NOV 1 2002

Record 6 of 8

Title: Salting-out thin-layer chromatography of some angiotensin converting enzyme inhibitors on different sorbents

Author(s): Aleksic, MB (Aleksic, MB); Agbaba, DG (Agbaba, DG); Milojkovic-Opsenica, DM (Milojkovic-Opsenica, DM); Tesic, ZL (Tesic, ZL)

Source: CHROMATOGRAPHIA Volume: 53 Pages: S442-S444 DOI: 10.1007/BF02490373

Supplement: S Part: 2 Published: 2001

Conference Title: 23rd International Symposium on Chromatography

Conference Date: OCT 01-05, 2000

Conference Location: LONDON, ENGLAND

Record 7 of 8

Title: Effect of increasing the bidentate chelate ring size in Co(III) complexes on their behavior in salting-out TLC on different adsorbents

Author(s): Vuckovic, G (Vuckovic, G); Tanaskovic, SB (Tanaskovic, SB); Janjic, TJ (Janjic, TJ); Milojkovic-Opsenica, D (Milojkovic-Opsenica, D); Celap, MB (Celap, MB)

Source: JPC-JOURNAL OF PLANAR CHROMATOGRAPHY-MODERN TLC Volume: 12 Issue: 6 Pages: 461-465 Published: NOV-DEC 1999

Record 8 of 8

Title: Linear interdependence of R(M) pair values of substances in salting-out planar chromatography

Author(s): Janjic, TJ (Janjic, TJ); Vuckovic, G (Vuckovic, G); Celap, MB (Celap, MB)

Source: CHROMATOGRAPHIA Volume: 42 Issue: 11-12 Pages: 675-679 DOI: 10.1007/BF02267700 Published: JUN 1996

DURAN M, 1995, J SERB CHEM SOC, V60, P737

Record 1 of 3

Title: Study of ferrocenyl-substituted Co-2(CO)(6)-bispropargylic alcohol complexes as substrates for the formation of chains and macrocycles

Author(s): Golovko, VB (Golovko, Vladimir B.); Mays, MJ (Mays, Martin J.); Solan, GA (Solan, Gregory A.)

Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY Volume: 693 Issue: 16 Pages: 2683-2692 DOI: 10.1016/j.jorganchem.2008.05.011 Published: AUG 1 2008

Record 2 of 3

Title: Synthesis of symmetric and unsymmetric 1,1'-dialkenylferrocenes via samarium diiodide promoted reactions of 1,1'-diacetylferrocene with halides

Author(s): Jong, SJ (Jong, SJ); Fang, JM (Fang, JM); Liu, YH (Liu, YH); Wang, Y (Wang, Y)

Source: JOURNAL OF THE CHINESE CHEMICAL SOCIETY Volume: 48 Issue: 6A Special Issue: SI Pages: 1041-1046 Published: DEC 2001

Record 3 of 3

Title: Synthesis of ferrocenyl alkenes, dienes, and enynes via samarium diiodide promoted tandem addition and dehydration of ferrocenyl carbonyls with halides

Author(s): Jong, SJ (Jong, SJ); Fang, JM (Fang, JM)

Source: JOURNAL OF ORGANIC CHEMISTRY Volume: 66 Issue: 10 Pages: 3533-3537 DOI: 10.1021/jo015557r Published: MAY 18 2001

DURAN MI, 1995, HEM PREGL, V36, P98

Record 1 of 2

Title: The antispermatogenic activity of some phenylbismuth(III) O,O'-dialkyldithiophosphates

Author(s): Sharma, PK (Sharma, Pankaj K.); Rehwani, H (Rehwani, H.); Gupta, RS (Gupta, R. S.); Singh, YP (Singh, Y. P.)

Source: APPLIED ORGANOMETALLIC CHEMISTRY Volume: 21 Issue: 8 Pages: 701-710 DOI: 10.1002/aoc.1238 Published: AUG 2007

Record 2 of 2

Title: Bismuth compounds and preparations with biological or medicinal relevance

Author(s): Briand, GG (Briand, GG); Burford, N (Burford, N)

Source: CHEMICAL REVIEWS Volume: 99 Issue: 9 Pages: 2601-2657 DOI: 10.1021/cr980425s Published: SEP 1999

Barnham KJ, 1996, INORG CHEM, V35, P1065, DOI 10.1021/ic950973d

Record 1 of 114

Title: Potent Anticancer Activity and Possible Low Toxicity of Platinum(II) Complexes with Functionalized 1,1-Cyclobutanedicarboxylate as a Leaving Ligand

Author(s): Zhao, J (Zhao, Jian); Gou, SH (Gou, Shaohua); Liu, FF (Liu, Fengfan)

Source: CHEMISTRY-A EUROPEAN JOURNAL Volume: 20 Issue: 46 Pages: 15216-15225 DOI: 10.1002/chem.201404090 Published: NOV 10 2014

Record 2 of 114

Title: Reactivity of kiteplatin with S-donor biomolecules and nucleotides

Author(s): Petruzzella, E (Petruzzella, Emanuele); Margiotta, N (Margiotta, Nicola); Natile, G (Natile, Giovanni); Hoeschele, JD (Hoeschele, James D.)

Source: DALTON TRANSACTIONS Volume: 43 Issue: 34 Pages: 12851-12859 DOI: 10.1039/c4dt01474j Published: SEP 14 2014

Record 3 of 114

Title: Atomic Level Rendering of DNA-Drug Encounter

Author(s): Lucas, MF (Lucas, Maria F.); de Vaca, IC (Cabeza de Vaca, Israel); Takahashi, R (Takahashi, Ryoji); Rubio-Martinez, J (Rubio-Martinez, Jaime); Guallar, V (Guallar, Victor)

Source: BIOPHYSICAL JOURNAL Volume: 106 Issue: 2 Pages: 421-429 DOI: 10.1016/j.bpj.2013.11.4494 Published: JAN 21 2014

Record 4 of 114

Title: Ligand substitution reaction on a platinum(II) complex with bio-relevant thiols: kinetics, mechanism and bioactivity in aqueous medium

Author(s): Samanta, A (Samanta, Avradeep); Ghosh, GK (Ghosh, Goutam Kr.); Mitra, I (Mitra, Ishani); Mukherjee, S (Mukherjee, Subhajit); Bose, JC (Bose K, Jagadeesh C.); Mukhopadhyay, S (Mukhopadhyay, Sudit); Linert, W (Linert, Wolfgang); Moi, SC (Moi, Sankar Ch)

Source: RSC ADVANCES Volume: 4 Issue: 82 Pages: 43516-43524 DOI: 10.1039/c4ra06137c Published: 2014

Record 5 of 114

Title: Amino acid and water-driven tunable green protocol to access S-S/C-S bonds via aerobic oxidative coupling and hydrothiolation

Author(s): Sharda, A (Sharda, Amit); Kumar, R (Kumar, Rajesh); Saima (Saima); Sharma, N (Sharma, Nidhi); Sinha, AK (Sinha, Arun K.)

Source: RSC ADVANCES Volume: 4 Issue: 63 Pages: 33399-33407 DOI: 10.1039/c4ra02909g Published: 2014

Record 6 of 114

Title: Carboplatin and oxaliplatin in sequenced combination with bortezomib in ovarian tumour models
 Author(s): Al-Eisawi, Z (Al-Eisawi, Zaynab); Beale, P (Beale, Philip); Chan, C (Chan, Charles); Yu, JQ (Yu, Jun Q.); Huq, F (Huq, Fazlul)

Source: JOURNAL OF OVARIAN RESEARCH Volume: 6 Article Number: 78 DOI: 10.1186/1757-2215-6-78 Published: NOV 9 2013

Record 7 of 114

Title: Anticancer Potency of Platinum(II) Complexes Containing Both Chloride Anion and Chelated Carboxylate as Leaving Groups

Author(s): Zhao, J (Zhao, Jian); Gou, SH (Gou, Shaohua); Liu, F (Liu, Fei); Sun, YY (Sun, Yanyan); Gao, CZ (Gao, Chuanzhu)

Source: INORGANIC CHEMISTRY Volume: 52 Issue: 14 Pages: 8163-8170 DOI: 10.1021/ic400907t Published: JUL 15 2013

Record 8 of 114

Title: Interaction of Glutathione With Cis-(2-Aminomethylpyridine)diaqua platinum(II) Perchlorate in Aqueous Medium: Their Kinetics and Mechanism

Author(s): Ghosh, GK (Ghosh, Goutam Kr.); Misra, K (Misra, Koyel); Linert, W (Linert, Wolfgang); Moi, SC (Moi, Sankar Chandra)

Source: SYNTHESIS AND REACTIVITY IN INORGANIC METAL-ORGANIC AND NANO-METAL CHEMISTRY Volume: 43 Issue: 6 Pages: 714-721 DOI: 10.1080/15533174.2012.754760 Published: JUL 3 2013

Record 9 of 114

Title: Production of high specific activity Pt-195m-cisplatin at South African Nuclear Energy Corporation for Phase 0 clinical trials in healthy individual subjects

Author(s): Zeevaart, JR (Zeevaart, Jan Rijn); Wagener, J (Wagener, Judith); Marjanovic-Painter, B (Marjanovic-Painter, Biljana); Sathekge, M (Sathekge, Mike); Soni, N (Soni, Nischal); Zinn, C (Zinn, Christa); Perkins, G (Perkins, Gary); Smith, SV (Smith, Suzanne V.)

Source: JOURNAL OF LABELLED COMPOUNDS & RADIOPHARMACEUTICALS Volume: 56 Issue: 9-10 Special Issue: SI Pages: 495-503 DOI: 10.1002/jlcr.3091 Published: JUL 2013

Record 10 of 114

Title: Kinetics and mechanism for the substitution reactions of monoaquamonochloro-(piperazine) palladium (II) complex with L-methionine and thiourea in aqueous solution

Author(s): Shoukry, AA (Shoukry, Azza A.)

Source: JOURNAL OF CHEMICAL SCIENCES Volume: 125 Issue: 3 Pages: 643-651 Published: MAY 2013

Record 11 of 114

Title: Biodistribution and dosimetry of Pt-195m-cisplatin in normal volunteers

Author(s): Sathekge, M (Sathekge, M.); Wagener, J (Wagener, J.); Smith, SV (Smith, S. V.); Soni, N (Soni, N.); Marjanovic-Painter, B (Marjanovic-Painter, B.); Zinn, C (Zinn, C.); Van de Wiele, C (Van de Wiele, C.); D'Asseler, Y (D'Asseler, Y.); Perkins, G (Perkins, G.); Zeevaart, JR (Zeevaart, J. R.)

Source: NUKLEARMEDIZIN-NUCLEAR MEDICINE Volume: 52 Issue: 6 Pages: 222-227 DOI: 10.3413/Nukmed-0599-13-06 Published: 2013

Record 12 of 114

Title: Equilibrium Studies of Binary and Mixed-Ligand Complexes of Zinc(II) Involving 2-(Aminomethyl)-Benzimidazole and Some Bio-Relevant Ligands

Author(s): Aljahdali, M (Aljahdali, M.); El-Sherif, AA (El-Sherif, Ahmed A.)

Source: JOURNAL OF SOLUTION CHEMISTRY Volume: 41 Issue: 10 Pages: 1759-1776 DOI: 10.1007/s10953-012-9908-2 Published: NOV 2012

Record 13 of 114

Title: Activation of carboplatin and nedaplatin by the N-terminus of human copper transporter 1 (hCTR1)

Author(s): Wang, XH (Wang, Xinghao); Li, HY (Li, Hongyan); Du, XB (Du, Xiubo); Harris, J (Harris, Jack); Guo, ZJ (Guo, Zijian); Sun, HZ (Sun, Hongzhe)

Source: CHEMICAL SCIENCE Volume: 3 Issue: 11 Pages: 3206-3215 DOI: 10.1039/c2sc20738a

Published: NOV 2012

Record 14 of 114

Title: Interaction of liposome-encapsulated cisplatin with biomolecules

Author(s): Baruah, B (Baruah, Bharat); Surin, A (Surin, Alexandr)

Source: JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY Volume: 17 Issue: 6 Pages: 899-910 DOI: 10.1007/s00775-012-0907-y Published: AUG 2012

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Title: Valuable Insight into the Anticancer Activity of the Platinum-Histone Deacetylase Inhibitor Conjugate, cis-[Pt(NH₃)(2)malSAHA_(2H)]

Author(s): Brabec, V (Brabec, Viktor); Griffith, DM (Griffith, Darren M.); Kisova, A (Kisova, Anna); Kostrhunova, H (Kostrhunova, Hana); Zerkankova, L (Zerkankova, Lenka); Marmion, CJ (Marmion, Celine J.); Kasparkova, J (Kasparkova, Jana)

Source: MOLECULAR PHARMACEUTICS Volume: 9 Issue: 7 Pages: 1990-1999 DOI: 10.1021/mp300038f Published: JUL 2012

Record 16 of 114

Title: Understanding how the platinum anticancer drug carboplatin works: From the bottle to the cell

Author(s): Di Pasqua, AJ (Di Pasqua, Anthony J.); Goodisman, J (Goodisman, Jerry); Dabrowiak, JC (Dabrowiak, James C.)

Source: INORGANICA CHIMICA ACTA Volume: 389 Pages: 29-35 DOI: 10.1016/j.ica.2012.01.028 Published: JUL 1 2012

Record 17 of 114

Title: Synthesis and characterization of (ethylenediamine)/(diammine)platinum(II) coordinated to seleno ligands containing carboxylic acid functionality

Author(s): Chopade, SM (Chopade, Suresh M.); Phadnis, PP (Phadnis, Prasad P.); Wadawale, A (Wadawale, Amey); Hodage, AS (Hodage, Ananda S.); Jain, VK (Jain, Vimal K.)

Source: INORGANICA CHIMICA ACTA Volume: 385 Pages: 185-189 DOI: 10.1016/j.ica.2012.01.055 Published: APR 30 2012

Record 18 of 114

Title: Reaction of platinum anticancer drugs and drug derivatives with a copper transporting protein, Atox1

Author(s): Palm-Espling, ME (Palm-Espling, Maria E.); Wittung-Stafshede, P (Wittung-Stafshede, Pernilla)

Source: BIOCHEMICAL PHARMACOLOGY Volume: 83 Issue: 7 Pages: 874-881 DOI: 10.1016/j.bcp.2012.01.018 Published: APR 1 2012

Record 19 of 114

Title: Reactivity of a Cytostatic Active N,N-Donor-Containing Dinuclear Pt(II) Complex with Biological Relevant Nucleophiles

Author(s): Hochreuther, S (Hochreuther, Stephanie); van Eldik, R (van Eldik, Rudi)

Source: INORGANIC CHEMISTRY Volume: 51 Issue: 5 Pages: 3025-3038 DOI: 10.1021/ic202351r Published: MAR 5 2012

Record 20 of 114

Title: Activation of carboplatin by carbonate: a theoretical investigation

Author(s): Ciancetta, A (Ciancetta, Antonella); Coletti, C (Coletti, Cecilia); Marrone, A (Marrone, Alessandro); Re, N (Re, Nazzareno)

Source: DALTON TRANSACTIONS Volume: 41 Issue: 41 Pages: 12960-12969 DOI: 10.1039/c2dt30556a Published: 2012

Record 21 of 114

Title: Mechanistic studies on the reactions of platinum(II) complexes with nitrogen- and sulfur-donor biomolecules

Author(s): Bugarcic, ZD (Bugarcic, Zivadin D.); Bogojeski, J (Bogojeski, Jovana); Petrovic, B (Petrovic, Biljana); Hochreuther, S (Hochreuther, Stephanie); van Eldik, R (van Eldik, Rudi)

Source: DALTON TRANSACTIONS Volume: 41 Issue: 40 Pages: 12329-12345 DOI: 10.1039/c2dt31045g Published: 2012

Record 22 of 114

Title: Equilibrium studies on complex formation reactions of dichlorido[(R,R)-trans-1,2-diaminocyclohexane]platinum(II) complex with ligands of biological significance

Author(s): Jelic, R (Jelic, Ratimir); Markovic, S (Markovic, Smiljana); Petrovic, B (Petrovic, Biljana)

Source: MONATSHFTE FUR CHEMIE Volume: 142 Issue: 10 Pages: 985-992 DOI: 10.1007/s00706-011-0553-z Published: OCT 2011

Record 23 of 114

Title: Activation of carboplatin by chloride ions: a theoretical investigation

Author(s): Ciancetta, A (Ciancetta, Antonella); Coletti, C (Coletti, Cecilia); Marrone, A (Marrone, Alessandro); Re, N (Re, Nazzareno)

Source: THEORETICAL CHEMISTRY ACCOUNTS Volume: 129 Issue: 6 Pages: 757-769 DOI: 10.1007/s00214-011-0933-9 Published: AUG 2011

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Title: Designer ligands: The search for metal ion selectivity

Author(s): Kaye, PT (Kaye, Perry T.)

Source: SOUTH AFRICAN JOURNAL OF SCIENCE Volume: 107 Issue: 3-4 Pages: 23-30 DOI: 10.4102/sajs.v107i3/4.439 Published: MAR-APR 2011

Record 25 of 114

Title: Overview of the Metallometabolomic Methodology for Metal-Based Drug Metabolism

Author(s): Ge, RG (Ge, Ruiguang); Sun, XS (Sun, Xuesong); He, QY (He, Qing-Yu)

Source: CURRENT DRUG METABOLISM Volume: 12 Issue: 3 Pages: 287-299 Published: MAR 2011

Record 26 of 114

Title: Modulation of drug activation profiles through carboxylate ligand modification in cytotoxic trans-platinum planar amine compounds

Author(s): Benedetti, BT (Benedetti, Brad T.); Quintal, S (Quintal, Susana); Farrell, NP (Farrell, Nicholas P.)

Source: DALTON TRANSACTIONS Volume: 40 Issue: 41 Pages: 10983-10988 DOI: 10.1039/c1dt10964b Published: 2011

Record 27 of 114

Title: Reactions of an organoruthenium anticancer complex with 2-mercaptobenzanilide-a model for the active-site cysteine of protein tyrosine phosphatase 1B

Author(s): Han, YM (Han, Yumiao); Luo, Q (Luo, Qun); Hao, X (Hao, Xiang); Li, XC (Li, Xianchan); Wang, FY (Wang, Fuyi); Hu, WB (Hu, Wenbing); Wu, K (Wu, Kui); Lu, S (Lu, Shuang); Sadler, PJ (Sadler, Peter J.)

Source: DALTON TRANSACTIONS Volume: 40 Issue: 43 Pages: 11519-11529 DOI: 10.1039/c1dt11189b Published: 2011

Record 28 of 114

Title: Synthesis and characterization of some potential antitumor palladium(II) complexes of 2-aminomethylbenzimidazole and amino acids

Author(s): El-Sherif, AA (El-Sherif, Ahmed A.)

Source: JOURNAL OF COORDINATION CHEMISTRY Volume: 64 Issue: 12 Pages: 2035-2055 DOI: 10.1080/00958972.2011.587004 Published: 2011

Record 29 of 114

Title: Kinetic Studies on the Reactions of Different Bifunctional Platinum(II) Complexes with Selected Nucleophiles

Author(s): Bogojeski, J (Bogojeski, Jovana); Bugarcic, ZD (Bugarcic, Zivadin D.); Puchta, R (Puchta, Ralph); van Eldik, R (van Eldik, Rudi)

Source: EUROPEAN JOURNAL OF INORGANIC CHEMISTRY Issue: 34 Pages: 5439-5445 DOI: 10.1002/ejic.201000654 Published: DEC 2010

Record 30 of 114

Title: Reactivity of platinum-based antitumor drugs towards a Met- and His-rich 20mer peptide corresponding to the N-terminal domain of human copper transporter 1

Author(s): Wu, ZY (Wu, Zhengyi); Liu, Q (Liu, Qin); Liang, X (Liang, Xiao); Yang, XL (Yang, Xiaoliang); Wang, NY (Wang, Ningyan); Wang, XH (Wang, Xinghao); Sun, HZ (Sun, Hongzhe); Lu, Y (Lu, Yi); Guo, ZJ (Guo, Zijian)

Source: JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY Volume: 14 Issue: 8 Pages: 1313-1323 DOI: 10.1007/s00775-009-0576-7 Published: NOV 2009

Record 31 of 114

Title: Is Glutathione the Major Cellular Target of Cisplatin? A Study of the Interactions of Cisplatin with Cancer Cell Extracts

Author(s): Kasherman, Y (Kasherman, Yonit); Sturup, S (Sturup, Stefan); Gibson, D (Gibson, Dan)

Source: JOURNAL OF MEDICINAL CHEMISTRY Volume: 52 Issue: 14 Pages: 4319-4328 DOI: 10.1021/jm900138u Published: JUL 23 2009

Record 32 of 114

Title: Replacement of a Thiourea-S with an Amidine-NH Donor Group in a Platinum-Acridine Antitumor Compound Reduces the Metal's Reactivity with Cysteine Sulfur

Author(s): Ma, ZD (Ma, Zhidong); Rao, L (Rao, Lu); Bierbach, U (Bierbach, Ulrich)

Source: JOURNAL OF MEDICINAL CHEMISTRY Volume: 52 Issue: 10 Pages: 3424-3427 DOI: 10.1021/jm900451y Published: MAY 28 2009

Record 33 of 114

Title: Molecular origin of the sequence-dependent kinetics of reactions between cisplatin derivatives and DNA

Author(s): Kozelka, J (Kozelka, Jiri)

Source: INORGANICA CHIMICA ACTA Volume: 362 Issue: 3 Pages: 651-668 DOI: 10.1016/j.ica.2008.04.024 Published: FEB 20 2009

Record 34 of 114

Title: Formation of Carbonato and Hydroxo Complexes in the Reaction of Platinum Anticancer Drugs with Carbonate

Author(s): Di Pasqua, AJ (Di Pasqua, Anthony J.); Centerwall, CR (Centerwall, Corey R.); Kerwood, DJ (Kerwood, Deborah J.); Dabrowiak, JC (Dabrowiak, James C.)

Source: INORGANIC CHEMISTRY Volume: 48 Issue: 3 Pages: 1192-1197 DOI: 10.1021/ic801579h Published: FEB 2 2009

Record 35 of 114

Title: Influence of the chloride concentration on ligand substitution reactions of [Pt(SMC)Cl₂] with biologically relevant nucleophiles

Author(s): Soldatovic, T (Soldatovic, Tanja); Bugarcic, ZD (Bugarcic, Zivadin D.); van Eldik, R (van Eldik, Rudi)

Source: DALTON TRANSACTIONS Issue: 23 Pages: 4526-4531 DOI: 10.1039/b822718g Published: 2009

Record 36 of 114

Title: Equilibrium and H-1 NMR Kinetic Study of the Reactions of Dichlorido [S-Methyl-L-Cysteine(N,S)]Platinum(II) Complex with Some Relevant Biomolecules

Author(s): Soldatovic, T (Soldatovic, Tanja); Canovic, P (Canovic, Predrag); Nikolic, R (Nikolic, Radivoje); Jelic, R (Jelic, Ratimir); Bugarcic, ZD (Bugarcic, Zivadin D.)

Source: JOURNAL OF SOLUTION CHEMISTRY Volume: 38 Issue: 1 Pages: 57-71 DOI: 10.1007/s10953-008-9346-3 Published: JAN 2009

Record 37 of 114

Title: Population pharmacokinetic and pharmacodynamic analysis to support treatment optimization of combination chemotherapy with indisulam and carboplatin

Author(s): Zandvliet, AS (Zandvliet, Anthe S.); Schellens, JHM (Schellens, Jan H. M.); Ditttrich, C (Ditttrich, Christian); Wanders, J (Wanders, Jantien); Beijnen, JH (Beijnen, Jos H.); Huitema, ADR (Huitema, Alwin D. R.)

Source: BRITISH JOURNAL OF CLINICAL PHARMACOLOGY Volume: 66 Issue: 4 Pages: 485-497 DOI: 10.1111/j.1365-2125.2008.03230.x Published: OCT 2008

Record 38 of 114

Title: Peculiar mechanistic and structural features of the carboplatin-cytochrome c system revealed by ESI-MS analysis

Author(s): Gabbiani, C (Gabbiani, Chiara); Casini, A (Casini, Angela); Mastrobuoni, G (Mastrobuoni, Guido); Kirshenbaum, N (Kirshenbaum, Noam); Moshel, O (Moshel, Ofra); Pieraccini, G (Pieraccini, Giuseppe); Moneti, G (Moneti, Gloriano); Messori, L (Messori, Luigi); Gibson, D (Gibson, Dan)

Source: JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY Volume: 13 Issue: 5 Pages: 755-764 DOI: 10.1007/s00775-008-0361-z Published: JUN 2008

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Title: Ab initio reaction path for cisplatin interaction with L-cysteine and L-methionine

Author(s): Da Silva, VJ (Da Silva, Valdilei Jose); Costa, LAS (Costa, Luiz Antonio S.); Dos Santos, HF (Dos Santos, Helio F.)

Source: INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY Volume: 108 Issue: 2 Pages: 401-414 DOI: 10.1002/qua.21494 Published: FEB 2008

Record 40 of 114

Title: Complex-formation reactions of dichloro(S-methyl-L-cysteine)palladium(II) with bio-relevant ligands. Labilization induced by S-donor chelates

Author(s): Shehat, MR (Shehat, Mohamed R.); Shoukry, MM (Shoukry, Mohamed M.); Nasr, FMH (Nasr, Fatma M. H.); van Eldik, R (van Eldik, Rudi)

Source: DALTON TRANSACTIONS Issue: 6 Pages: 779-786 DOI: 10.1039/b709332b Published: 2008

Record 41 of 114

Title: Modification of carboplatin by Jurkat cells

Author(s): Di Pasqua, AJ (Di Pasqua, Anthony J.); Goodisman, J (Goodisman, Jerry); Kerwood, DJ (Kerwood, Deborah J.); Toms, BB (Toms, Bonnie B.); Dabrowiak, JC (Dabrowiak, James C.)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 101 Issue: 10 Pages: 1438-1441 DOI: 10.1016/j.jinorgbio.2007.06.018 Published: OCT 2007

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Title: Role of carbonate in the cytotoxicity of carboplatin

Author(s): Di Pasqua, AJ (Di Pasqua, Anthony J.); Goodisman, J (Goodisman, Jerry); Kerwood, DJ (Kerwood, Deborah J.); Toms, BB (Toms, Bonnie B.); Dubowy, RL (Dubowy, Ronald L.); Dabrowiak, JC (Dabrowiak, James C.)

Source: CHEMICAL RESEARCH IN TOXICOLOGY Volume: 20 Issue: 6 Pages: 896-904 DOI: 10.1021/tx700058f Published: JUN 2007

Record 43 of 114

Title: The impact of different chelating leaving groups on the substitution kinetics of mononuclear Pt(II)s(1,2-trans-R,R-diaminocyclohexane)(X-Y) complexes

Author(s): Summa, N (Summa, Nadine); Soldatovic, T (Soldatovic, Tanja); Dahlenburg, L (Dahlenburg, Lutz); Bugarcic, ZD (Bugarcic, Zivadin D.); van Eldik, R (van Eldik, Rudi)

Source: JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY Volume: 12 Issue: 4 Pages: 461-475 DOI: 10.1007/s00775-006-0200-z Published: MAY 2007

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Title: The Role of Sulfur in Platinum Anticancer Chemotherapy

Author(s): Wang, XY (Wang, Xiaoyong); Guo, ZJ (Guo, Zijian)

Source: ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY Volume: 7 Issue: 1 Pages: 19-34 DOI: 10.2174/187152007779314062 Published: JAN 2007

Record 45 of 114

Title: NMR Spectroscopy of Anticancer Platinum Drugs

Author(s): Vinje, J (Vinje, Jo); Sletten, E (Sletten, Einar)

Source: ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY Volume: 7 Issue: 1 Pages: 35-54 DOI: 10.2174/187152007779313982 Published: JAN 2007

Record 46 of 114

Title: Structural and mechanistic aspects of platinum anticancer agents

Author(s): Ahmad, S (Ahmad, Saeed); Isab, AA (Isab, Anvarhusein A.); Ali, S (Ali, Saqib)

Source: TRANSITION METAL CHEMISTRY Volume: 31 Issue: 8 Pages: 1003-1016 DOI: 10.1007/s11243-006-0100-7 Published: NOV 2006

Record 47 of 114

Title: Combined effects of diamines and carboxylate bridges on structural and magnetic properties of a series of polynuclear copper(II) complexes with 1,1-cyclobutanedicarboxylic acid

Author(s): Baldoma, R (Baldoma, Raul); Monfort, M (Monfort, Montserrat); Ribas, J (Ribas, Joan); Solans, X (Solans, Xavier); Maestro, MA (Maestro, Miguel A.)

Source: INORGANIC CHEMISTRY Volume: 45 Issue: 20 Pages: 8144-8155 DOI: 10.1021/ic060797g Published: OCT 2 2006

Record 48 of 114

Title: Mixed-ligand complexes of 2-(aminomethyl)benzimidazole palladium(II) with various biologically relevant ligands

Author(s): El-Sherif, AA (El-Sherif, Ahmed Abdou)

Source: JOURNAL OF SOLUTION CHEMISTRY Volume: 35 Issue: 9 Pages: 1287-1301 DOI: 10.1007/s10953-006-9062-9 Published: SEP 2006

Record 49 of 114

Title: Insights into the mechanism of action of platinum anticancer drugs from multinuclear NMR spectroscopy

Author(s): Berners-Price, SJ (Berners-Price, Susan J.); Ronconi, L (Ronconi, Luca); Sadler, PJ (Sadler, Peter J.)

Source: PROGRESS IN NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY Volume: 49 Issue: 1 Pages: 65-98 DOI: 10.1016/j.pnmrs.2006.05.002 Published: AUG 15 2006

Record 50 of 114

Title: The discovery and development of cisplatin

Author(s): Alderden, RA (Alderden, RA); Hall, MD (Hall, MD); Hambley, TW (Hambley, TW)

Source: JOURNAL OF CHEMICAL EDUCATION Volume: 83 Issue: 5 Pages: 728-734 Published: MAY 2006

Record 51 of 114

Title: The trans labilization of cis-[PtCl₂((CH₃NH₂)-C-13)(2)] by glutathione can be monitored at physiological pH by [1H,13C] HSQC NMR

Author(s): Gibson, D (Gibson, D); Kasherman, Y (Kasherman, Y); Kowarski, D (Kowarski, D); Freikman, I (Freikman, I)

Source: JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY Volume: 11 Issue: 2 Pages: 179-188 DOI: 10.1007/s00775-005-0064-7 Published: MAR 2006

Record 52 of 114

Title: Controlling ligand substitution reactions of organometallic complexes: Tuning cancer cell cytotoxicity

Author(s): Wang, FY (Wang, FY); Habtemariam, A (Habtemariam, A); van der Geer, EPL (van der Geer, EPL); Fernandez, R (Fernandez, R); Melchart, M (Melchart, M); Deeth, RJ (Deeth, RJ); Aird, R (Aird, R); Guichard, S (Guichard, S); Fabbiani, FPA (Fabbiani, FPA); Lozano-Casal, P (Lozano-Casal, P); Oswald, IDH (Oswald, IDH); Jodrell, DI (Jodrell, DI); Parsons, S (Parsons, S); Sadler, PJ (Sadler, PJ)

Source: PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA Volume: 102 Issue: 51 Pages: 18269-18274 DOI: 10.1073/pnas.0505798102 Published: DEC 20 2005

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Title: Cisplatin interaction with cysteine and methionine, a theoretical DFT study

Author(s): Zimmermann, T (Zimmermann, T); Zeizinger, M (Zeizinger, M); Burda, JV (Burda, JV)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 99 Issue: 11 Pages: 2184-2196

DOI: 10.1016/j.jinorgbio.2005.07.021 Published: NOV 2005

Record 54 of 114

Title: Effects of geometric isomerism in dinuclear antitumor platinum complexes on their interactions with N-acetyl-L-methionine

Author(s): Oehlsen, ME (Oehlsen, ME); Hegmans, A (Hegmans, A); Qu, Y (Qu, Y); Farrell, N (Farrell, N)

Source: JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY Volume: 10 Issue: 5 Pages: 433-442

DOI: 10.1007/s00775-005-0009-1 Published: AUG 2005

Record 55 of 114

Title: Determination of binding sites in carboplatin-bound cytochrome c using electrospray ionization mass spectrometry and tandem mass spectrometry

Author(s): Yang, GS (Yang, GS); Miao, R (Miao, R); Jin, C (Jin, C); Mei, YH (Mei, YH); Tang, HW (Tang, HW); Hong, J (Hong, J); Guo, ZJ (Guo, ZJ); Zhu, LG (Zhu, LG)

Source: JOURNAL OF MASS SPECTROMETRY Volume: 40 Issue: 8 Pages: 1005-1016

DOI: 10.1002/jms.875 Published: AUG 2005

Record 56 of 114

Title: Hydration process as an activation of trans- and cisplatin complexes in anticancer treatment. DFT and ab initio computational study of thermodynamic and kinetic parameters

Author(s): Burda, JV (Burda, JV); Zeizinger, M (Zeizinger, M); Leszczynski, J (Leszczynski, J)

Source: JOURNAL OF COMPUTATIONAL CHEMISTRY Volume: 26 Issue: 9 Pages: 907-914

DOI: 10.1002/jcc.20228 Published: JUL 15 2005

Record 57 of 114

Title: Presence of cancerostatic platinum compounds in hospital wastewater and possible elimination by adsorption to activated sludge

Author(s): Lenz, K (Lenz, K); Hann, S (Hann, S); Koellensperger, G (Koellensperger, G); Stefanka, Z (Stefanka, Z); Stinger, G (Stinger, G); Weissenbacher, N (Weissenbacher, N); Mahnik, SN (Mahnik, SN); Fuerhacker, M (Fuerhacker, M)

Source: SCIENCE OF THE TOTAL ENVIRONMENT Volume: 345 Issue: 1-3 Pages: 141-152

DOI: 10.1016/j.scitotenv.2004.11.007 Published: JUN 1 2005

Record 58 of 114

Title: Influence of acidity on the reaction between [PdCl(dien)](+) and L-cysteine or glutathione in the presence of sodium dodecyl sulfate micelles

Author(s): Vasic, VM (Vasic, VM); Zivanovic, MA (Zivanovic, MA); Cakar, MM (Cakar, MM); Savic, JZ (Savic, JZ); Nedeljkovic, JM (Nedeljkovic, JM); Bugarcic, ZD (Bugarcic, ZD)

Source: JOURNAL OF PHYSICAL ORGANIC CHEMISTRY Volume: 18 Issue: 5 Pages: 441-447

DOI: 10.1002/poc.880 Published: MAY 2005

Record 59 of 114

Title: Competitive reactions of a ruthenium arene anticancer complex with histidine, cytochrome c and an oligonucleotide

Author(s): Wang, FY (Wang, FY); Bella, J (Bella, J); Parkinson, JA (Parkinson, JA); Sadler, PJ (Sadler, PJ)

Source: JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY Volume: 10 Issue: 2 Pages: 147-155

DOI: 10.1007/s00775-004-0621-5 Published: MAR 2005

Record 60 of 114

Title: Complexation behaviour of glutathione with metal ions

Author(s): Singh, BK (Singh, BK)

Source: ASIAN JOURNAL OF CHEMISTRY Volume: 17 Issue: 1 Pages: 1-32 Published: JAN-MAR 2005

Record 61 of 114

Title: Kinetic and mechanistic study on the reactions of [Pd(dien)H₂O](2+) and [Pt(dien)H₂O](2+) with L-cysteine and S-methyl-L-cysteine

Author(s): Petrovic, BV (Petrovic, BV); Bugarcic, ZD (Bugarcic, ZD)

Source: AUSTRALIAN JOURNAL OF CHEMISTRY Volume: 58 Issue: 7 Pages: 544-550 DOI: 10.1071/CH05033 Published: 2005

Record 62 of 114

Title: Nuclear localization signal-targeted poly(ethylene glycol) conjugates as potential carriers and nuclear localizing agents for carboplatin analogues

Author(s): Aronov, O (Aronov, O); Horowitz, AT (Horowitz, AT); Gabizon, A (Gabizon, A); Fuertes, MA (Fuertes, MA); Perez, JM (Perez, JM); Gibson, D (Gibson, D)

Source: BIOCONJUGATE CHEMISTRY Volume: 15 Issue: 4 Pages: 814-823 DOI: 10.1021/bc0499331 Published: JUL-AUG 2004

Record 63 of 114

Title: Multi-nuclear platinum complexes encapsulated in cucurbit[n]uril as an approach to reduce toxicity in cancer treatment

Author(s): Wheate, NJ (Wheate, NJ); Day, AI (Day, AI); Blanch, RJ (Blanch, RJ); Arnold, AP (Arnold, AP); Cullinane, C (Cullinane, C); Collins, JG (Collins, JG)

Source: CHEMICAL COMMUNICATIONS Issue: 12 Pages: 1424-1425 DOI: 10.1039/b404358h Published: JUN 21 2004

Record 64 of 114

Title: Pyrazine-bridged Pt(II)-sulfoxide complexes: multinuclear magnetic resonance spectroscopy and crystal structures of trans,trans-{Pt(R₂SO)Cl-2}(2)(μ-pyrazine)

Author(s): Priqueler, JRL (Priqueler, JRL); Rochon, FD (Rochon, FD)

Source: INORGANICA CHIMICA ACTA Volume: 357 Issue: 7 Pages: 2167-2175 DOI: 10.1016/j.ica.2003.11.048 Published: MAY 10 2004

Record 65 of 114

Title: Novel mixed-ligand Pt(II) complexes: Synthesis, multinuclear magnetic resonance, and crystal structures of cis- and trans-Pt(R₂SO)(pyrazine)Cl-2

Author(s): Rochon, FD (Rochon, FD); Priqueler, JRL (Priqueler, JRL)

Source: CANADIAN JOURNAL OF CHEMISTRY-REVUE CANADIENNE DE CHIMIE Volume: 82 Issue: 5 Pages: 649-658 DOI: 10.1139/V04-020 Published: MAY 2004

Record 66 of 114

Title: Designer ligands. Part 12. Synthesis and evaluation of novel palladium (II)-selective ligand systems

Author(s): Gxoyiya, BSB (Gxoyiya, BSB); Hagemann, JR (Hagemann, JR); Kaye, PT (Kaye, PT)

Source: JOURNAL OF CHEMICAL RESEARCH-S Issue: 4 Pages: 252-256 Published: APR 2004

Record 67 of 114

Title: Activation barriers and rate constants for hydration of platinum and palladium square-planar complexes: An ab initio study

Author(s): Burda, JV (Burda, JV); Zeizinger, M (Zeizinger, M); Leszczynski, J (Leszczynski, J)

Source: JOURNAL OF CHEMICAL PHYSICS Volume: 120 Issue: 3 Pages: 1253-1262 DOI: 10.1063/1.1633757 Published: JAN 15 2004

Record 68 of 114

Title: Substitution reactions of [Pt(terpy)X](2+) with some biologically relevant ligands. Synthesis and crystal structure of [Pt(terpy)(cyst-S)](ClO₄)(2 center dot 0.5H₂O) and [Pt(terpy)(guo-N-7)](ClO₄)(2)center dot 0.5guo center dot 1.5H₂O

Author(s): Bugarcic, ZD (Bugarcic, ZD); Heinemann, FW (Heinemann, FW); van Eldik, R (van Eldik, R)

Source: DALTON TRANSACTIONS Issue: 2 Pages: 279-286 DOI: 10.1039/b311056g Published: 2004

Record 69 of 114

Title: Equilibrium, kinetic and HPLC study of the reactions between platinum(II) complexes and DNA constituents in the presence and absence of glutathione

Author(s): Bugarcic, ZD (Bugarcic, ZD); Soldatovic, T (Soldatovic, T); Jelic, R (Jelic, R); Alguero, B (Alguero, B); Grandas, A (Grandas, A)

Source: DALTON TRANSACTIONS Issue: 22 Pages: 3869-3877 DOI: 10.1039/b411168k Published: 2004

Record 70 of 114

Title: Influence of mesna on the pharmacokinetics of cisplatin and carboplatin in pediatric cancer patients

Author(s): Kangarloo, SB (Kangarloo, SB); Gangopadhyay, SB (Gangopadhyay, SB); Syme, RM (Syme, RM); Wolff, JEA (Wolff, JEA); Gluck, S (Gluck, S)

Source: MEDICAL ONCOLOGY Volume: 21 Issue: 1 Pages: 9-19 DOI: 10.1385/MO:21:1:09 Published: 2004

Record 71 of 114

Title: The influence of methionine-containing peptides on the reaction of carboplatin with 5 '-guanosine monophosphate: a comparison with cisplatin

Author(s): Kleine, M (Kleine, M); Wolters, D (Wolters, D); Sheldrick, WS (Sheldrick, WS)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 97 Issue: 4 Pages: 354-363 DOI: 10.1016/S0162-0134(03)00289-7 Published: DEC 1 2003

Record 72 of 114

Title: Toward the design of novel polynuclear platinum antitumor complexes: A polydentate ligand system based on dipyridylamine and 1,3,5-trimethylenebenzene

Author(s): Tu, C (Tu, C); Lin, J (Lin, J); Shao, Y (Shao, Y); Guo, ZJ (Guo, ZJ)

Source: INORGANIC CHEMISTRY Volume: 42 Issue: 19 Pages: 5795-+ DOI: 10.1021/ic034604q Published: SEP 22 2003

Record 73 of 114

Title: Tumour-inhibiting platinum complexes-state of the art and future perspectives

Author(s): Jakupec, MA (Jakupec, MA); Galanski, M (Galanski, M); Keppler, BK (Keppler, BK)

Source: REVIEWS OF PHYSIOLOGY, BIOCHEMISTRY AND PHARMACOLOGY, VOL 146 Book Series: REVIEWS OF PHYSIOLOGY BIOCHEMISTRY AND PHARMACOLOGY Volume: 146 Pages: 1-53 DOI: 10.1007/s10254-002-0001-x Published: 2003

Record 74 of 114

Title: Reactions of a ruthenium(II) arene antitumor complex with cysteine and methionine

Author(s): Wang, FY (Wang, FY); Chen, HM (Chen, HM); Parkinson, JA (Parkinson, JA); Murdoch, PD (Murdoch, PD); Sadler, PJ (Sadler, PJ)

Source: INORGANIC CHEMISTRY Volume: 41 Issue: 17 Pages: 4509-4523 Article Number: DOI: 10.1021/ic025538f Published: AUG 26 2002

Record 75 of 114

Title: Monitoring the reactions of the anticancer drug carboplatin with the chemopreventive agent selenomethionine by electrospray mass spectrometry and [H-1,N-15] HSQC NMR spectroscopy

Author(s): Liu, Q (Liu, Q); Lin, J (Lin, J); Jiang, PJ (Jiang, PJ); Zhang, JY (Zhang, JY); Zhu, LG (Zhu, LG); Guo, ZJ (Guo, ZJ)

Source: EUROPEAN JOURNAL OF INORGANIC CHEMISTRY Issue: 8 Pages: 2170-2178 Article Number: Published: AUG 2002

Record 76 of 114

Title: Toxicity of high-dose carboplatin: Ultrafiltered and not total plasma pharmacokinetics is of clinical relevance

Author(s): Kloft, C (Kloft, C); Siegert, W (Siegert, W); Beyer, J (Beyer, J); Jaehde, U (Jaehde, U)

Source: JOURNAL OF CLINICAL PHARMACOLOGY Volume: 42 Issue: 7 Pages: 762-773 DOI: 10.1177/009127002401102704 Published: JUL 2002

Record 77 of 114

Title: On the competition of the purine bases, functionalities of peptide side chains, and protecting agents for the coordination sites of dicationic cisplatin derivatives

Author(s): Deubel, DV (Deubel, DV)

Source: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY Volume: 124 Issue: 20 Pages: 5834-5842 DOI: 10.1021/ja012221q Published: MAY 22 2002

Record 78 of 114

Title: Studies of the binding of a series of platinum(IV) complexes to plasma proteins

Author(s): Dolman, RC (Dolman, RC); Deacon, GB (Deacon, GB); Hambley, TW (Hambley, TW)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 88 Issue: 3-4 Pages: 260-267 Article Number: DOI: 10.1016/S0162-0134(01)00360-9 Published: FEB 2002

Record 79 of 114

Title: The interaction between the second generation anticancer drug carboplatin and L-selenomethionine

Author(s): Liu, Q (Liu, Q); Lin, J (Lin, J); Zhang, JY (Zhang, JY); Zhu, LG (Zhu, LG); Guo, ZJ (Guo, ZJ)

Source: CHINESE JOURNAL OF INORGANIC CHEMISTRY Volume: 18 Issue: 1 Pages: 37-40 Published: JAN 2002

Record 80 of 114

Title: Kinetics and mechanism of the reactions of [Pt(terpy)H₂O](2+) with thiols in acidic aqueous solution. Synthesis and crystal structure of [Pt(terpy)(tu)](ClO₄)(2) (tu = thiourea)

Author(s): Bugarcic, ZD (Bugarcic, ZD); Liehr, G (Liehr, G); van Eldik, R (van Eldik, R)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 14 Pages: 2825-2830 DOI: 10.1039/b201930m Published: 2002

Record 81 of 114

Title: Equilibrium and kinetic data for the interaction of diaqua-(S-methyl-L-cysteine)palladium(II) with biologically relevant ligands

Author(s): Bugarcic, ZD (Bugarcic, ZD); Shoukry, MM (Shoukry, MM); van Eldik, R (van Eldik, R)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 21 Pages: 3945-3951 DOI: 10.1039/b206068j Published: 2002

Record 82 of 114

Title: Synthesis, characterization, DNA binding and cytotoxic studies of platinum(II) and palladium(II) complexes of the 2,2'-bipyridine and an anion of 1,1-cyclobutanedicarboxylic acid

Author(s): Mansuri-Torshizi, H (Mansuri-Torshizi, H); Ghadimy, S (Ghadimy, S); Akbarzadeh, N (Akbarzadeh, N)

Source: CHEMICAL & PHARMACEUTICAL BULLETIN Volume: 49 Issue: 12 Pages: 1517-1520 DOI: 10.1248/cpb.49.1517 Published: DEC 2001

Record 83 of 114

Title: Comparison of the binding behavior of oxaliplatin, cisplatin and analogues to 5'-GMP in the presence of sulfur-containing molecules by means of capillary electrophoresis and electrospray mass spectrometry

Author(s): Kung, A (Kung, A); Strickmann, DB (Strickmann, DB); Galanski, M (Galanski, M); Keppler, BK (Keppler, BK)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 86 Issue: 4 Pages: 691-698 DOI: 10.1016/S0162-0134(01)00225-2 Published: OCT 2001

Record 84 of 114

Title: Thermodynamic and structural characterisation of the complexes formed in the reaction of [Pd(en)(H₂O)(2)](2+) and [Pd(pic)(H₂O)(2)](2+) with N-alkyl nucleobases and N-acetyl amino acids

Author(s): Nagy, Z (Nagy, Z); Sovago, I (Sovago, I)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 17 Pages: 2467-2475 DOI: 10.1039/b101845k Published: SEP 7 2001

Record 85 of 114

Title: Pharmacokinetic properties of platinum derivatives

Author(s): Boisdron-Celle, N (Boisdron-Celle, N); Lebouil, A (Lebouil, A); Allain, P (Allain, P); Gamelin, E (Gamelin, E)

Source: BULLETIN DU CANCER Volume: 88 Special Issue: SI Pages: S14-S19 Published: AUG 2001

Record 86 of 114

Title: Cisplatin stops tubulin assembly into microtubules. A new insight into the mechanism of antitumor activity of platinum complexes

Author(s): Tulub, AA (Tulub, AA); Stefanov, VE (Stefanov, VE)

Source: INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES Volume: 28 Issue: 3 Pages: 191-198 DOI: 10.1016/S0141-8130(00)00159-8 Published: MAR 14 2001

Record 87 of 114

Title: Complex formation reactions of (N,N'-dimethylethylenediamine) palladium(II) with various biologically relevant ligands

Author(s): Mohamed, MMA (Mohamed, MMA); Shoukry, MM (Shoukry, MM)

Source: POLYHEDRON Volume: 20 Issue: 3-4 Pages: 343-352 DOI: 10.1016/S0277-5387(00)00612-4 Published: FEB 15 2001

Record 88 of 114

Title: Kinetics and mechanism of complex formation between [PtCl(DIEN)](+) and thiols and thioethers
 Author(s): Petrovic, BV (Petrovic, BV); Bugarcic, ZD (Bugarcic, ZD)
 Source: JOURNAL OF COORDINATION CHEMISTRY Volume: 53 Issue: 1 Pages: 35-45 DOI: 10.1080/00958970108022599 Published: 2001

Record 89 of 114

Title: ESMS and NMR investigations on the interaction of the anticancer drug cisplatin and chemopreventive agent selenomethionine
 Author(s): Liu, Q (Liu, Q); Zhang, JY (Zhang, JY); Ke, XK (Ke, XK); Mei, YH (Mei, YH); Zhu, LG (Zhu, LG); Guo, ZJ (Guo, ZJ)
 Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 6 Pages: 911-916 DOI: 10.1039/b008611h Published: 2001

Record 90 of 114

Title: DNA polymerase versus DNA binding to the anticancer drug, cis-platin
 Author(s): Bose, RN (Bose, RN); Allen, K (Allen, K); Wagner, M (Wagner, M); Volckova, E (Volckova, E); Li, DW (Li, DW); Heath, RT (Heath, RT)
 Source: INORGANICA CHIMICA ACTA Volume: 300 Pages: 937-943 DOI: 10.1016/S0020-1693(99)00595-2 Published: APR 30 2000

Record 91 of 114

Title: Thermodynamic, kinetic and structural studies on the ternary palladium(II) complexes of thioether ligands
 Author(s): Nagy, Z (Nagy, Z); Fabian I (Fabian, I); Sovago I (Sovago, I)
 Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 79 Issue: 1-4 Pages: 129-138 DOI: 10.1016/S0162-0134(99)00157-9 Published: APR 2000
 Conference Title: 5th International Symposium on Applied Bioinorganic Chemistry (5 ISABC)
 Conference Date: APR 13-17, 1999
 Conference Location: CORFU, GREECE

Record 92 of 114

Title: Homonuclear Pd-II and Pt-II and heteronuclear (PdAuI)-Au-II and (PtAuI)-Au-II complexes of a tripod triphosphine ligand: Synthesis, characterization and reactions with molecules of biological relevance
 Author(s): Sevillano, P (Sevillano, P); Habtemariam, A (Habtemariam, A); Seijo, MIG (Seijo, MIG); Castineiras, A (Castineiras, A); Parsons, S (Parsons, S); Garcia, ME (Garcia, ME); Sadler, PJ (Sadler, PJ)
 Source: AUSTRALIAN JOURNAL OF CHEMISTRY Volume: 53 Issue: 8 Pages: 635-644 DOI: 10.1071/CH00028 Published: 2000

Record 93 of 114

Title: Identification of platination sites on human serum transferrin using C-13 and N-15 NMR spectroscopy
 Author(s): Cox, MC (Cox, MC); Barnham, KJ (Barnham, KJ); Frenkiel, TA (Frenkiel, TA); Hoeschele, JD (Hoeschele, JD); Mason, AB (Mason, AB); He, QY (He, QY); Woodworth, RC (Woodworth, RC); Sadler, PJ (Sadler, PJ)
 Source: JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY Volume: 4 Issue: 5 Pages: 621-631 DOI: 10.1007/s007750050386 Published: OCT 1999

Record 94 of 114

Title: Gold(I)-induced chelate ring-opening of palladium(II) and platinum(II) triphos complexes
 Author(s): Sevillano, P (Sevillano, P); Habtemariam, A (Habtemariam, A); Parsons, S (Parsons, S); Castineiras, A (Castineiras, A); Garcia, ME (Garcia, ME); Sadler, PJ (Sadler, PJ)
 Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 16 Pages: 2861-2870 DOI: 10.1039/a903775f Published: AUG 21 1999

Record 95 of 114

Title: Inhibition of Escherichia coli DNA polymerase-I by the anti-cancer drug cis-diaminedichloroplatinum(II): what roles do polymerases play in cis-platin-induced cytotoxicity?
 Author(s): Duman, RK (Duman, RK); Heath, RT (Heath, RT); Bose, RN (Bose, RN)
 Source: FEBS LETTERS Volume: 455 Issue: 1-2 Pages: 49-54 DOI: 10.1016/S0014-5793(99)00800-5 Published: JUL 16 1999

Record 96 of 114

Title: Interactions of organometallic anticancer agents with nucleotides and DNA
 Author(s): Yang, P (Yang, P); Guo, ML (Guo, ML)
 Source: COORDINATION CHEMISTRY REVIEWS Volume: 185-6 Pages: 189-211 DOI: 10.1016/S0010-8545(98)00268-9 Published: MAY 1999
 Conference Title: XXXIII International Conference on Coordination Chemistry
 Conference Date: AUG 30-SEP 04, 1998
 Conference Location: FLORENCE, ITALY

Record 97 of 114

Title: Mechanisms of reaction of L-methionine with carboplatin and oxaliplatin in different media: a comparison with cisplatin
 Author(s): Heudi, O (Heudi, O); Mercier-Jobard, S (Mercier-Jobard, S); Cailleux, A (Cailleux, A); Allain, P (Allain, P)
 Source: BIOPHARMACEUTICS & DRUG DISPOSITION Volume: 20 Issue: 2 Pages: 107-116 DOI: 10.1002/(SICI)1099-081X(199903)20:2<107::AID-BDD161>3.3.CO;2-S Published: MAR 1999

Record 98 of 114

Title: Designer ligands. Part 4. Synthesis of acyclic and macrocyclic platinum group metal-specific ligands
 Author(s): Hagemann, JP (Hagemann, JP); Kaye, PT (Kaye, PT)
 Source: JOURNAL OF THE CHEMICAL SOCIETY-PERKIN TRANSACTIONS 1 Issue: 3 Pages: 341-347 DOI: 10.1039/a807192f Published: FEB 7 1999

Record 99 of 114

Title: Metals in medicine
 Author(s): Guo, ZJ (Guo, ZJ); Sadler, PJ (Sadler, PJ)
 Source: ANGEWANDTE CHEMIE-INTERNATIONAL EDITION Volume: 38 Issue: 11 Pages: 1513-1531 Published: 1999

Record 100 of 114

Title: Kinetic control of reactions of a sterically hindered platinum picoline anticancer complex with guanosine 5'-monophosphate and glutathione
 Author(s): Chen, Y (Chen, Y); Guo, ZJ (Guo, ZJ); Parkinson, JA (Parkinson, JA); Sadler, PJ (Sadler, PJ)
 Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 21 Pages: 3577-3585 DOI: 10.1039/a806544f Published: NOV 7 1998

Record 101 of 114

Title: Kinetics and mechanisms of the ligand substitution reactions of bis(amine)(cyclobutane-1,1-dicarboxylato)palladium(II)

Author(s): Shoukry, A (Shoukry, A); Rau, T (Rau, T); Shoukry, M (Shoukry, M); van Eldik, R (van Eldik, R)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 18 Pages: 3105-3112 DOI: 10.1039/a804141e Published: SEP 21 1998

Record 102 of 114

Title: Structural and kinetic studies on the formation of platinum(II) and palladium(II) complexes with L-cysteine-derived ligands

Author(s): Rau, T (Rau, T); Alsfasser, R (Alsfasser, R); Zahl, A (Zahl, A); van Eldik, R (van Eldik, R)

Source: INORGANIC CHEMISTRY Volume: 37 Issue: 17 Pages: 4223-4230 DOI: 10.1021/ic9711574 Published: AUG 24 1998

Record 103 of 114

Title: Cisplatin binding sites on human albumin

Author(s): Ivanov, AI (Ivanov, AI); Christodoulou, J (Christodoulou, J); Parkinson, JA (Parkinson, JA); Barnham, KJ (Barnham, KJ); Tucker, A (Tucker, A); Woodrow, J (Woodrow, J); Sadler, PJ (Sadler, PJ)

Source: JOURNAL OF BIOLOGICAL CHEMISTRY Volume: 273 Issue: 24 Pages: 14721-14730 DOI: 10.1074/jbc.273.24.14721 Published: JUN 12 1998

Record 104 of 114

Title: Modification of platinum(II) antitumor complexes with sulfur ligands. 1. Synthesis, structure, and spectroscopic properties of cationic complexes of the types [PtCl(diamine)(L)]NO₃ and [{PtCl(diamine)}₂(L-L)](NO₃)₂ (L = Monofunctional thiourea derivative; L-L = bifunctional thiourea derivative)

Author(s): Bierbach, U (Bierbach, U); Hambley, TW (Hambley, TW); Farrell, N (Farrell, N)

Source: INORGANIC CHEMISTRY Volume: 37 Issue: 4 Pages: 708-716 DOI: 10.1021/ic970420y Published: FEB 23 1998

Record 105 of 114

Title: Modification of platinum(II) antitumor complexes with sulfur ligands. 2. Reactivity and nucleotide binding properties of cationic complexes of the types [PtCl(diamine)(L)]NO₃ and [{PtCl(diamine)}₂(L-L)](NO₃)₂ (L = monofunctional thiourea derivative; L-L = bifunctional thiourea derivative) in relation to their cytotoxicity

Author(s): Bierbach, U (Bierbach, U); Roberts, JD (Roberts, JD); Farrell, N (Farrell, N)

Source: INORGANIC CHEMISTRY Volume: 37 Issue: 4 Pages: 717-723 DOI: 10.1021/ic970421q Published: FEB 23 1998

Record 106 of 114

Title: Reactions of platinum(II) anticancer drugs. Kinetics of acid hydrolysis of cis-diammine(cyclobutane-1,1-dicarboxylato)platinum(II) "Carboplatin"

Author(s): Hay, RW (Hay, RW); Miller, S (Miller, S)

Source: POLYHEDRON Volume: 17 Issue: 13-14 Pages: 2337-2343 DOI: 10.1016/S0277-5387(97)00477-4 Published: 1998

Record 107 of 114

Title: Reactions of cisplatin and the cis-diamminediaqua platinum(II) cation with tris and hepes

Author(s): Prenzler, PD (Prenzler, PD); McFadyen, WD (McFadyen, WD)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 68 Issue: 4 Pages: 279-282 DOI: 10.1016/S0162-0134(97)00084-6 Published: DEC 1997

Record 108 of 114

Title: Intramolecular competition between histidine and methionine side chains in reactions of dipeptides with $[\text{Pt}(\text{en})(\text{H}_2\text{O})_2]^{2+}$ (en equals $\text{H}_2\text{NCH}_2\text{CH}_2\text{NH}_2$)

Author(s): Frohling, CDW (Frohling, CDW); Sheldrick, WS (Sheldrick, WS)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 22 Pages: 4411-4420 DOI: 10.1039/a704002d Published: NOV 21 1997

Record 109 of 114

Title: Donor atom preferences in complexes of platinum and palladium with amino acids and related molecules

Author(s): Appleton, TG (Appleton, TG)

Source: COORDINATION CHEMISTRY REVIEWS Volume: 166 Pages: 313-359 DOI: 10.1016/S0010-8545(97)00047-7 Published: NOV 1997

Record 110 of 114

Title: Kinetics and mechanism of nucleophilic substitution of dichloroarylazopyridinepalladium(II) by pyridine bases

Author(s): Roy, R (Roy, R); Misra, TK (Misra, TK); Sinha, C (Sinha, C); Mahapatra, A (Mahapatra, A); Sanyal, A (Sanyal, A)

Source: TRANSITION METAL CHEMISTRY Volume: 22 Issue: 5 Pages: 453-458 DOI: 10.1023/A:1018550927193 Published: OCT 1997

Record 111 of 114

Title: Complexing properties of diastereoisomers of 1-(L-methionylamino)ethylphosphonic acid

Author(s): Lukes, I (Lukes, I); Blaha, L (Blaha, L); Kesner, F (Kesner, F); Rohovec, J (Rohovec, J); Hermann, P (Hermann, P)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 15 Pages: 2629-2637 DOI: 10.1039/a607316f Published: AUG 7 1997

Record 112 of 114

Title: Chelate-ring-opened adducts of $[\text{Pt}(\text{en})(\text{Me-Mal-O,O'})]$ (en equals ethane-1,2-diamine, Me-Mal equals 2-methylmalonate) with methionine derivatives: Relevance to the biological activity of platinum anticancer agents

Author(s): Guo, ZJ (Guo, ZJ); Hambley, TW (Hambley, TW); Murdoch, PD (Murdoch, PD); Sadler, PJ (Sadler, PJ); Frey, U (Frey, U)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 4 Pages: 469-478 DOI: 10.1039/a604210d Published: FEB 21 1997

Record 113 of 114

Title: Stabilization of monofunctional platinum-nucleotide adducts: Reactions of N-acetyl-L-methionine complexes with guanosine 5'-monophosphate and guanylyl(3'-5')guanosine

Author(s): Barnham, KJ (Barnham, KJ); Guo, ZJ (Guo, ZJ); Sadler, PJ (Sadler, PJ)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 13 Pages: 2867-2876 DOI: 10.1039/dt9960002867 Published: JUL 7 1996

Record 114 of 114

Title: Coordination chemistry of metallodrugs: Insights into biological speciation from NMR spectroscopy

Author(s): BernersPrice, SJ (BernersPrice, SJ); Sadler, PJ (Sadler, PJ)

Source: COORDINATION CHEMISTRY REVIEWS Volume: 151 Pages: 1-40 Published: JUN 1996

Conference Title: 3rd International Symposium on Applied Bioinorganic Chemistry (ISABC-3)

Conference Date: DEC 11-15, 1994

Conference Location: FREMANTLE, AUSTRALIA

Barrie P. J., 1996, J CHEM SOC DA, V12, P2417
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Record 1 of 38

Title: Current and Potential Applications of Bismuth-Based Drugs

Author(s): Keogan, DM (Keogan, Donal M.); Griffith, DM (Griffith, Darren M.)

Source: MOLECULES Volume: 19 Issue: 9 Pages: 15258-15297 DOI:
 10.3390/molecules190915258 Published: SEP 2014

Record 2 of 38

Title: Bifunctional, Monodisperse BiPO₄-Based Nanostars: Photocatalytic Activity and Luminescent Applications

Author(s): Becerro, AI (Isabel Becerro, Ana); Criado, J (Criado, Joaquin); Gontard, LC (Gontard, Lionel C.); Obregon, S (Obregon, Sergio); Fernandez, A (Fernandez, Asuncion); Colon, G (Colon, Gerardo); Ocana, M (Ocana, Manuel)

Source: CRYSTAL GROWTH & DESIGN Volume: 14 Issue: 7 Pages: 3319-3326 DOI:
 10.1021/cg500208h Published: JUL 2014

Record 3 of 38

Title: Interaction in the system Bi(NO₃)(3)-K(3)HCit-(H₂O + glycerol)

Author(s): Kuvshinova, TB (Kuvshinova, T. B.); Skorikov, VM (Skorikov, V. M.); Volodin, VD (Volodin, V. D.); Demina, LI (Demina, L. I.)

Source: RUSSIAN JOURNAL OF INORGANIC CHEMISTRY Volume: 58 Issue: 11 Pages: 1294-1297 DOI: 10.1134/S0036023613110120 Published: NOV 2013

Record 4 of 38

Title: Aromatic amino acids in high selectivity bismuth(III) recognition

Author(s): Ghatak, SK (Ghatak, Sumanta Kumar); Dey, D (Dey, Debarati); Sen, S (Sen, Souvik); Sen, K (Sen, Kamalika)

Source: ANALYST Volume: 138 Issue: 8 Pages: 2308-2314 DOI: 10.1039/c3an36842d Published: 2013

Record 5 of 38

Title: Polymeric architectures of bismuth citrate based on dimeric building blocks

Author(s): Yang, N (Yang Nan); An, Y (An Yan); Cai, JW (Cai JiWen); Hu, LH (Hu LiHong); Zeng, YB (Zeng YiBo); Mao, ZW (Mao ZongWan); Chen, GH (Chen GuanHua); Sun, HZ (Sun HongZhe)

Source: SCIENCE CHINA-CHEMISTRY Volume: 53 Issue: 10 Special Issue: SI Pages: 2152-2158 DOI: 10.1007/s11426-010-4113-x Published: OCT 2010

Record 6 of 38

Title: Reaction of bismuth nitrate with sodium citrate in water-glycerol solutions

Author(s): Kuvshinova, TB (Kuvshinova, T. B.); Skorikov, VM (Skorikov, V. M.); Volodin, VD (Volodin, V. D.)

Source: RUSSIAN JOURNAL OF INORGANIC CHEMISTRY Volume: 54 Issue: 11 Pages: 1816-1819 DOI: 10.1134/S0036023609110199 Published: NOV 2009

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Title: Selective Arylation Reactions of Bismuth-Transition Metal Salicylate Complexes

Author(s): Stavila, V (Stavila, Vitalie); Thurston, JH (Thurston, John H.); Whitmire, KH (Whitmire, Kenton H.)

Source: INORGANIC CHEMISTRY Volume: 48 Issue: 14 Pages: 6945-6951 DOI:
 10.1021/ic9010357 Published: JUL 20 2009

Record 8 of 38

Title: Probing for missing links in the binary and ternary V(V)-citrate-(H₂O₂) systems: Synthetic efforts and in vitro insulin mimetic activity studies

Author(s): Gabriel, C (Gabriel, C.); Venetis, J (Venetis, J.); Kaliva, M (Kaliva, M.); Raptopoulou, CP (Raptopoulou, C. P.); Terzis, A (Terzis, A.); Drouza, C (Drouza, C.); Meier, B (Meier, B.); Voyiatzis, G (Voyiatzis, G.); Potamitis, C (Potamitis, C.); Salifoglou, A (Salifoglou, A.)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 103 Issue: 4 Special Issue: SI
Pages: 503-516 DOI: 10.1016/j.jinorgbio.2008.12.018 Published: APR 2009

Conference Title: 6th International Vanadium Symposium

Conference Date: JUL 17-19, 2008

Conference Location: Lisbon, PORTUGAL

Conference Host: Calouste Gulbenkian Fdn

Record 9 of 38

Title: Delving into the complex picture of Ti(IV)-citrate speciation in aqueous media: Synthetic, structural, and electrochemical considerations in mononuclear Ti(IV) complexes containing variably deprotonated citrate ligands

Author(s): Panagiotidis, P (Panagiotidis, Panagiotis); Kefalas, ET (Kefalas, Evangelos T.); Raptopoulou, CP (Raptopoulou, Catherine P.); Terzis, A (Terzis, Aris); Mavromoustakos, T (Mavromoustakos, Thomas); Salifoglou, A (Salifoglou, Athanasios)

Source: INORGANICA CHIMICA ACTA Volume: 361 Issue: 8 Pages: 2210-2224 DOI:
10.1016/j.ica.2007.11.015 Published: JUN 2 2008

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Title: Identification of bismuth-thiolate-carboxylate clusters by electrospray ionization mass spectrometry

Author(s): Phillips, HA (Phillips, Heather A.); Burford, N (Burford, Neil)

Source: INORGANIC CHEMISTRY Volume: 47 Issue: 7 Pages: 2428-2441 DOI: 10.1021/ic701657r
Published: APR 7 2008

Record 11 of 38

Title: Bioinorganic chemistry of bismuth and antimony: Target sites of metallodrugs

Author(s): Ge, RG (Ge, Ruiguang); Sun, HZ (Sun, Hongzhe)

Source: ACCOUNTS OF CHEMICAL RESEARCH Volume: 40 Issue: 4 Pages: 267-274 DOI:
10.1021/ar600001b Published: APR 2007

Record 12 of 38

Title: Cooperative influence of thiolate ligands on the bio-relevant coordination chemistry of bismuth

Author(s): Phillips, HA (Phillips, Heather A.); Eelman, MD (Eelman, Melanie D.); Burford, N (Burford, Neil)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 101 Issue: 4 Pages: 736-739 DOI:
10.1016/j.jinorgbio.2007.01.003 Published: APR 2007

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Title: Synthesis, isolation, spectroscopic and structural characterization of a new pH complex structural variant from the aqueous vanadium(V)-peroxo-citrate ternary system

Author(s): Kaliva, M (Kaliva, M.); Kyriakakis, E (Kyriakakis, E.); Gabriel, C (Gabriel, C.); Raptopoulou, CP (Raptopoulou, C. P.); Terzis, A (Terzis, A.); Tuchagues, JP (Tuchagues, J. -P.); Salifoglou, A (Salifoglou, A.)

Source: INORGANICA CHIMICA ACTA Volume: 359 Issue: 14 Pages: 4535-4548 DOI:
10.1016/j.ica.2006.07.011 Published: NOV 1 2006

Record 14 of 38

Title: Perspectives in bioinorganic chemistry of some metal based therapeutic agents

Author(s): Ahmad, S (Ahmad, S); Isab, AA (Isab, AA); Ali, S (Ali, S); Al-Arfaj, AR (Al-Arfaj, AR)

Source: POLYHEDRON Volume: 25 Issue: 7 Pages: 1633-1645 DOI: 10.1016/j.poly.2005.11.004

Published: MAY 8 2006

Record 15 of 38

Title: Homo- and hetero-metallic manganese citrate complexes: Syntheses, crystal structures and magnetic properties

Author(s): Wang, WG (Wang, WG); Zhang, XF (Zhang, XF); Chen, F (Chen, F); Ma, CB (Ma, CB); Chen, CN (Chen, CN); Liu, QT (Liu, QT); Liao, DZ (Liao, DZ); Li, LC (Li, LC)

Source: POLYHEDRON Volume: 24 Issue: 13 Pages: 1656-1668 DOI: 10.1016/j.poly.2005.04.031

Published: SEP 15 2005

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Title: pH-Specific aqueous synthetic chemistry in the binary cadmium(II)-citrate system. Gaining insight into cadmium(II)-citrate speciation with relevance to cadmium toxicity

Author(s): Kefalas, ET (Kefalas, ET); Dakanali, M (Dakanali, M); Panagiotidis, P (Panagiotidis, P); Raptopoulou, CP (Raptopoulou, CP); Terzis, A (Terzis, A); Mavromoustakos, T (Mavromoustakos, T); Kyrikou, I (Kyrikou, I); Karliglano, N (Karliglano, N); Bino, A (Bino, A); Salifoglou, A (Salifoglou, A)

Source: INORGANIC CHEMISTRY Volume: 44 Issue: 13 Pages: 4818-4828 DOI:

10.1021/ic050286e Published: JUN 27 2005

Record 17 of 38

Title: Mononuclear Titanium(IV)-Citrate complexes from aqueous solutions: pH-specific synthesis and structural and spectroscopic studies in relevance to aqueous titanium(IV)-citrate speciation

Author(s): Kefalas, ET (Kefalas, ET); Panagiotidis, P (Panagiotidis, P); Raptopoulou, CP (Raptopoulou, CP); Terzis, A (Terzis, A); Mavromoustakos, T (Mavromoustakos, T); Salifoglou, A (Salifoglou, A)

Source: INORGANIC CHEMISTRY Volume: 44 Issue: 8 Pages: 2596-2605 DOI:

10.1021/ic049276o Published: APR 18 2005

Record 18 of 38

Title: Bismuth in medicine

Author(s): Sun, HZ (Sun, HZ); Zhang, L (Zhang, L); Szeto, KY (Szeto, KY)

Source: METAL IONS IN BIOLOGICAL SYSTEMS, VOL 41: METAL IONS AND THEIR COMPLEXES IN MEDICATION Book Series: METAL IONS IN BIOLOGICAL SYSTEMS Volume: 41 Pages: 333-378 Published: 2004

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Title: Structure of colloidal bismuth subcitrate (CBS) in dilute HCl: Unique assembly of bismuth citrate dinuclear units ([Bi(cit)(2)Bi](2-))

Author(s): Li, W (Li, W); Jin, L (Jin, L); Zhu, NY (Zhu, NY); Hou, XM (Hou, XM); Deng, F (Deng, F); Sun, HZ (Sun, HZ)

Source: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY Volume: 125 Issue: 41 Pages: 12408-12409 DOI: 10.1021/ja037019x Published: OCT 15 2003

Record 20 of 38

Title: A new dinuclear Ti(IV)-peroxo-citrate complex from aqueous solutions. Synthetic, structural, and spectroscopic studies in relevance to aqueous titanium(IV)-peroxo-citrate speciation

Author(s): Dakanali, M (Dakanali, M); Kefalas, ET (Kefalas, ET); Raptopoulou, CP (Raptopoulou, CP); Terzis, A (Terzis, A); Voyiatzis, G (Voyiatzis, G); Kyrikou, I (Kyrikou, I); Mavromoustakos, T (Mavromoustakos, T); Salifoglou, A (Salifoglou, A)

Source: INORGANIC CHEMISTRY Volume: 42 Issue: 15 Pages: 4632-4639 DOI: 10.1021/ic0343051 Published: JUL 28 2003

Record 21 of 38

Title: Synthesis and structures of the first bismuth-ester complexes using heterobifunctional thiolate anchored ligands and mass spectrometric identification of ligand-bridged derivatives

Author(s): Briand, GG (Briand, GG); Burford, N (Burford, N); Eelman, MD (Eelman, MD); Cameron, TS (Cameron, TS); Robertson, KN (Robertson, KN)

Source: INORGANIC CHEMISTRY Volume: 42 Issue: 9 Pages: 3136-3141 DOI: 10.1021/ic0261934 Published: MAY 5 2003

Record 22 of 38

Title: Equilibrium, H-1 and C-13 NMR spectroscopy, and X-ray diffraction studies on the complexes Bi(DOTA)(-) and Bi(DO3A-Bu)

Author(s): Csajbok, E (Csajbok, E); Baranyai, Z (Baranyai, Z); Banyai, I (Banyai, I); Brucher, E (Brucher, E); Kiraly, R (Kiraly, R); Muller-Fahrnow, A (Muller-Fahrnow, A); Platzek, J (Platzek, J); Raduchel, B (Raduchel, B); Schafer, M (Schafer, M)

Source: INORGANIC CHEMISTRY Volume: 42 Issue: 7 Pages: 2342-2349 DOI: 10.1021/ic0261272 Published: APR 7 2003

Record 23 of 38

Title: Synthetic and structural carboxylate chemistry of neurotoxic aluminum in relevance to human diseases

Author(s): Salifoglou, A (Salifoglou, A)

Source: COORDINATION CHEMISTRY REVIEWS Volume: 228 Issue: 2 Pages: 297-317 Article Number: DOI: 10.1016/S0010-8545(02)00084-X Published: JUN 3 2002

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Title: Comprehensive characterisation of bismuth thiosalicylate complexes: models for bismuth subsalicylate

Author(s): Burford, N (Burford, N); Eelman, MD (Eelman, MD); Cameron, TS (Cameron, TS)

Source: CHEMICAL COMMUNICATIONS Issue: 13 Pages: 1402-1403 DOI: 10.1039/b203110h Published: 2002

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Title: Solid and solution state NMR spectra and the structure of the gallium citrate complex (NH₄)(3)[Ga(C₆H₅O₇)(2)]center dot 4H(2)O

Author(s): Hawkes, GE (Hawkes, GE); O'Brien, P (O'Brien, P); Salacinski, H (Salacinski, H); Motevalli, M (Motevalli, M); Abrahams, I (Abrahams, I)

Source: EUROPEAN JOURNAL OF INORGANIC CHEMISTRY Issue: 4 Pages: 1005-1011 Published: APR 2001

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Title: Synthesis, characterisation and electrochemical properties of the copper citrate complexes (ratio sodium citrate/copper(2+)=1/1 and 1/2).

Author(s): Madinzi, A (Madinzi, A); El Amame, M (El Amame, M); Atmani, H (Atmani, H)

Source: ANNALES DE CHIMIE-SCIENCE DES MATERIAUX Volume: 25 Issue: 3 Pages: 179-185 DOI: 10.1016/S0151-9107(00)88893-5 Published: MAR-APR 2000

Record 27 of 38

Title: Medicinal inorganic chemistry

Author(s): Guo, ZJ (Guo, ZJ); Sadler, PJ (Sadler, PJ)

Source: ADVANCES IN INORGANIC CHEMISTRY, VOL 49 Book Series: ADVANCES IN INORGANIC CHEMISTRY Volume: 49 Pages: 183-306 Published: 2000

Record 28 of 38

Title: Coordination complexes of bismuth(III) involving organic ligands with pnictogen or chalcogen donors

Author(s): Briand, GG (Briand, GG); Burford, N (Burford, N)

Source: ADVANCES IN INORGANIC CHEMISTRY, VOL 50 Book Series: ADVANCES IN INORGANIC CHEMISTRY Volume: 50 Pages: 285-357 DOI: 10.1016/S0898-8838(00)50007-5 Published: 2000

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Title: The first ester complexes of bismuth(III) using thiolate anchored bifunctional ligands

Author(s): Briand, GG (Briand, GG); Burford, N (Burford, N); Cameron, TS (Cameron, TS)

Source: CHEMICAL COMMUNICATIONS Issue: 1 Pages: 13-14 DOI: 10.1039/a907094j Published: 2000

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Title: Interactions of bismuth complexes with metallothionein(II)

Author(s): Sun, HZ (Sun, HZ); Li, HY (Li, HY); Harvey, I (Harvey, I); Sadler, PJ (Sadler, PJ)

Source: JOURNAL OF BIOLOGICAL CHEMISTRY Volume: 274 Issue: 41 Pages: 29094-29101 DOI: 10.1074/jbc.274.41.29094 Published: OCT 8 1999

Record 31 of 38

Title: Bismuth compounds and preparations with biological or medicinal relevance

Author(s): Briand, GG (Briand, GG); Burford, N (Burford, N)

Source: CHEMICAL REVIEWS Volume: 99 Issue: 9 Pages: 2601-2657 DOI: 10.1021/cr980425s Published: SEP 1999

Record 32 of 38

Title: Coordination chemistry of metals in medicine: target sites for bismuth

Author(s): Sadler, PJ (Sadler, PJ); Li, HY (Li, HY); Sun, HZ (Sun, HZ)

Source: COORDINATION CHEMISTRY REVIEWS Volume: 185-6 Pages: 689-709 DOI: 10.1016/S0010-8545(99)00018-1 Published: MAY 1999

Conference Title: XXXIII International Conference on Coordination Chemistry

Conference Date: AUG 30-SEP 04, 1998

Conference Location: FLORENCE, ITALY

Record 33 of 38

Title: Metals in medicine

Author(s): Guo, ZJ (Guo, ZJ); Sadler, PJ (Sadler, PJ)

Source: ANGEWANDTE CHEMIE-INTERNATIONAL EDITION Volume: 38 Issue: 11 Pages: 1513-1531 Published: 1999

Record 34 of 38

Title: Chemical structure of bismuth compounds determines their gastric ulcer healing efficacy and anti-Helicobacter pylori activity

Author(s): Sandha, GS (Sandha, GS); LeBlanc, R (LeBlanc, R); Van Zanten, SJOV (Van Zanten, SJOV); Sitland, TD (Sitland, TD); Agocs, L (Agocs, L); Burford, N (Burford, N); Best, L (Best, L); Mahoney, D (Mahoney, D); Hoffman, P (Hoffman, P); Leddin, DJ (Leddin, DJ)

Source: DIGESTIVE DISEASES AND SCIENCES Volume: 43 Issue: 12 Pages: 2727-2732 DOI: 10.1023/A:1026667714603 Published: DEC 1998

Record 35 of 38

Title: New approach to the solution chemistry of bismuth citrate antiulcer complexes

Author(s): Parkinson, JA (Parkinson, JA); Sun, HZ (Sun, HZ); Sadler, PJ (Sadler, PJ)

Source: CHEMICAL COMMUNICATIONS Issue: 8 Pages: 881-882 DOI: 10.1039/a708710a Published: APR 21 1998

Record 36 of 38

Title: Metal complexes in medicine: Design and mechanism of action

Author(s): Sadler, PJ (Sadler, PJ); Guo, ZJ (Guo, ZJ)

Source: PURE AND APPLIED CHEMISTRY Volume: 70 Issue: 4 Pages: 863-871 DOI: 10.1351/pac199870040863 Published: APR 1998

Conference Title: 8th International Conference on Bioinorganic Chemistry

Conference Date: JUL 27-AUG 01, 1997

Conference Location: YOKOHAMA, JAPAN

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Title: The structurally flexible bicyclic bis(2-hydroxyethanethiolato)bismuth(III) complex: A model for asymmetric monoanionic chelation of bismuth(III)

Author(s): Agocs, L (Agocs, L); Briand, GG (Briand, GG); Burford, N (Burford, N); Cameron, TS (Cameron, TS); Kwiatkowski, W (Kwiatkowski, W); Robertson, KN (Robertson, KN)

Source: INORGANIC CHEMISTRY Volume: 36 Issue: 13 Pages: 2855-2860 DOI: 10.1021/ic961262y Published: JUN 18 1997

Record 38 of 38

Title: The biological and medicinal chemistry of bismuth

Author(s): Sun, HZ (Sun, HZ); Li, HY (Li, HY); Sadler, PJ (Sadler, PJ)

Source: CHEMISCHE BERICHTE-RECUEIL Volume: 130 Issue: 6 Pages: 669-681 DOI: 10.1002/cber.19971300602 Published: JUN 1997

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Record 1 of 2

Title: A Chiral Concave-Bound Cyclopentadienyl Iron Complex of Sumanene

Author(s): Sakane, H (Sakane, Hiroyuki); Amaya, T (Amaya, Toru); Moriuchi, T (Moriuchi, Toshiyuki); Hirao, T (Hirao, Toshikazu)

Source: ANGEWANDTE CHEMIE-INTERNATIONAL EDITION Volume: 48 Issue: 9 Pages: 1640-1643 DOI: 10.1002/anie.200805567 Published: 2009

Record 2 of 2

Title: Study of ferrocenyl-substituted Co-2(CO)(6)-bispropargylic alcohol complexes as substrates for the formation of chains and macrocycles

Author(s): Golovko, VB (Golovko, Vladimir B.); Mays, MJ (Mays, Martin J.); Solan, GA (Solan, Gregory A.)

Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY Volume: 693 Issue: 16 Pages: 2683-2692 DOI: 10.1016/j.jorganchem.2008.05.011 Published: AUG 1 2008

DJURAN MI, 1997, HEMIJSKI PREGLED, V38, P77

Record 1 of 1

Title: Biomolecules linked to transition metal complexes - New chances for chemotherapy

Author(s): Paschke, R (Paschke, R); Paetz, C (Paetz, C); Mueller, T (Mueller, T); Schmoll, HJ (Schmoll, HJ); Mueller, H (Mueller, H); Sorkau, E (Sorkau, E); Sinn, E (Sinn, E)

Source: CURRENT MEDICINAL CHEMISTRY Volume: 10 Issue: 19 Pages: 2033-2044 DOI: 10.2174/0929867033456954 Published: OCT 2003

Milinkovic SU, 1997, J CHEM SOC DALTON, P2771, DOI 10.1039/a701491k

Record 1 of 33

Title: Use of diethanolammonium-tetrachloridopalladate(II) complex in bioorganic modelling as artificial metalloproteinase in the reaction with N-acetylated L-methionylglycine dipeptide. NMR and DFT study of the hydrolytic reaction

Author(s): Petrovic, VP (Petrovic, Vladimir P.); Simijonovic, D (Simijonovic, Dusica); Petrovic, ZD (Petrovic, Zorica D.)

Source: JOURNAL OF MOLECULAR STRUCTURE Volume: 1060 Pages: 38-41 DOI: 10.1016/j.molstruc.2013.12.026 Published: FEB 24 2014

Record 2 of 33

Title: Transition metal complexes with oligopeptides: single crystals and crystal structures

Author(s): Lillo, V (Lillo, Vanesa); Galan-Mascaros, JR (Ramon Galan-Mascaros, Jose)

Source: DALTON TRANSACTIONS Volume: 43 Issue: 26 Pages: 9821-9833 DOI: 10.1039/c4dt00650j Published: 2014

Record 3 of 33

Title: Polyoxometalates as a Novel Class of Artificial Proteases: Selective Hydrolysis of Lysozyme under Physiological pH and Temperature Promoted by a Cerium(IV) Keggin-Type Polyoxometalate

Author(s): Stroobants, K (Stroobants, Karen); Moelants, E (Moelants, Eva); Ly, HGT (Ly, Hong Giang T.); Proost, P (Proost, Paul); Bartik, K (Bartik, Kristin); Parac-Vogt, TN (Parac-Vogt, Tatjana N.)

Source: CHEMISTRY-A EUROPEAN JOURNAL Volume: 19 Issue: 8 Pages: 2848-2858 DOI: 10.1002/chem.201203020 Published: FEB 2013

Record 4 of 33

Title: First Palladium(II) and Platinum(II) Complexes from Employment of 2,6-Diacetylpyridine Dioxime: Synthesis, Structural and Spectroscopic Characterization, and Biological Evaluation

Author(s): Koumoussi, ES (Koumoussi, Evangelia S.); Zampakou, M (Zampakou, Marianthi); Raptopoulou, CP (Raptopoulou, Catherine P.); Psycharis, V (Psycharis, Vassilis); Beavers, CM (Beavers, Christine M.); Teat, SJ (Teat, Simon J.); Psomas, G (Psomas, George); Stamatatos, TC (Stamatatos, Theodoros C.)

Source: INORGANIC CHEMISTRY Volume: 51 Issue: 14 Pages: 7699-7710 DOI: 10.1021/ic300739x Published: JUL 16 2012

Record 5 of 33

Title: Hydrolysis of Serine-Containing Peptides at Neutral pH Promoted by [MoO₄](2-) Oxyanion
 Author(s): Ho, PH (Phuong Hien Ho); Stroobants, K (Stroobants, Karen); Parac-Vogt, TN (Parac-Vogt, Tatjana N.)

Source: INORGANIC CHEMISTRY Volume: 50 Issue: 23 Pages: 12025-12033 DOI: 10.1021/ic2015034 Published: DEC 5 2011

Record 6 of 33

Title: Quantum chemical calculations of stability constants: study of ligand effects on the relative stability of Pd(II)-peptide complexes

Author(s): Tilvez, E (Tilvez, Elkin); Diaz, N (Diaz, Natalia); Menendez, MI (Isabel Menendez, M.); Suarez, D (Suarez, Dimas); Lopez, R (Lopez, Ramon)

Source: THEORETICAL CHEMISTRY ACCOUNTS Volume: 128 Issue: 4-6 Pages: 465-475 DOI: 10.1007/s00214-010-0862-z Published: MAR 2011

Record 7 of 33

Title: Insight into hydrolytic reaction of N-acetylated L-histidylglycine dipeptide with novel mechlorethamine platinum(II) complex. NMR and DFT study of the hydrolytic reaction

Author(s): Petrovic, ZD (Petrovic, Zorica D.); Petrovic, VP (Petrovic, Vladimir P.); Simijonovic, D (Simijonovic, Dusica); Markovic, S (Markovic, Svetlana)

Source: DALTON TRANSACTIONS Volume: 40 Issue: 36 Pages: 9284-9288 DOI: 10.1039/c1dt10593k Published: 2011

Record 8 of 33

Title: Understanding Regioselective Cleavage in Peptide Hydrolysis by a Palladium(II) Aqua Complex: A Theoretical Point of View

Author(s): Yeguas, V (Yeguas, Violeta); Campomanes, P (Campomanes, Pablo); Lopez, R (Lopez, Ramon); Diaz, N (Diaz, Natalia); Suarez, D (Suarez, Dimas)

Source: JOURNAL OF PHYSICAL CHEMISTRY B Volume: 114 Issue: 25 Pages: 8525-8535 DOI: 10.1021/jp101870j Published: JUL 1 2010

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Title: Dynamic functionalised metallogel: An approach to immobilised catalysis with improved activity
 Author(s): Huang, J (Huang, Jing); He, LS (He, Lisi); Zhang, JY (Zhang, Jianyong); Chen, LP (Chen, Liuping); Su, CY (Su, Cheng-You)

Source: JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL Volume: 317 Issue: 1-2 Pages: 97-103 DOI: 10.1016/j.molcata.2009.11.001 Published: FEB 15 2010

Record 10 of 33

Title: Cross-Reactive Sensor Arrays for the Detection of Peptides in Aqueous Solution by Fluorescence Spectroscopy

Author(s): Rochat, S (Rochat, Sebastien); Gao, J (Gao, Jie); Qian, XH (Qian, Xuhong); Zaubitzer, F (Zaubitzer, Friederike); Severin, K (Severin, Kay)

Source: CHEMISTRY-A EUROPEAN JOURNAL Volume: 16 Issue: 1 Pages: 104-113 DOI: 10.1002/chem.200902202 Published: 2010

Record 11 of 33

Title: New Au (III), Pt (II) and Pd (II) Complexes with Pentapeptide Glycyl-glycyl-L-Methionyl-Glycyl-Glycine and Their Interaction with Calf Thymus DNA

Author(s): Chapkanov, A (Chapkanov, A.); Miteva, Y (Miteva, Y.); Kolev, T (Kolev, T.); Spiteller, M (Spiteller, M.); Koleva, B (Koleva, B.)

Source: PROTEIN AND PEPTIDE LETTERS Volume: 17 Issue: 2 Pages: 228-237 Published: 2010

Record 12 of 33

Title: Diethanolamine Pd(II) complexes in bioorganic modeling as model systems of metallopeptidases and soybean lipoxygenase inhibitors

Author(s): Petrovic, ZD (Petrovic, Zorica D.); Hadjipavlou-Litina, D (Hadjipavlou-Litina, Dimitra); Pontiki, E (Pontiki, Eleni); Simijonovic, D (Simijonovic, Dusica); Petrovic, VP (Petrovic, Vladimir P.)

Source: BIOORGANIC CHEMISTRY Volume: 37 Issue: 5 Pages: 162-166 DOI: 10.1016/j.bioorg.2009.07.003 Published: OCT 2009

Record 13 of 33

Title: Metal Clips That Induce Unstructured Pentapeptides To Be α -Helical In Water

Author(s): Ma, MT (Ma, Michelle T.); Hoang, HN (Hoang, Huy N.); Scully, CCG (Scully, Conor C. G.); Appleton, TG (Appleton, Trevor G.); Fairlie, DP (Fairlie, David P.)

Source: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY Volume: 131 Issue: 12 Pages: 4505-4512 DOI: 10.1021/ja900047w Published: APR 1 2009

Record 14 of 33

Title: Linkage Isomerism in the Binding of Pentapeptide Ac-His(Ala)(3)His-NH₂ to (Ethylenediamine)Palladium(II): Effect of the Binding Mode on Peptide Conformation

Author(s): Hoang, HN (Hoang, Huy N.); Bryant, GK (Bryant, Gavin K.); Kelso, MJ (Kelso, Michael J.); Beyer, RL (Beyer, Renee L.); Appleton, TG (Appleton, Trevor G.); Fairlie, DP (Fairlie, David P.)

Source: INORGANIC CHEMISTRY Volume: 47 Issue: 20 Pages: 9439-9449 DOI: 10.1021/ic800970p Published: OCT 20 2008

Record 15 of 33

Title: Synthesis, spectroscopic analysis and structure deduction of gold(III), palladium(II) and platinum(II) complexes with the tripeptide glycyl-L-phenylalanyl-glycine

Author(s): Koleva, BB (Koleva, Bojidarka B.); Kolev, T (Kolev, Tsonko); Lamshoft, M (Lamshoeft, Marc); Spiteller, M (Spiteller, Michael)

Source: TRANSITION METAL CHEMISTRY Volume: 33 Issue: 7 Pages: 911-919 DOI: 10.1007/s11243-008-9132-5 Published: OCT 2008

Record 16 of 33

Title: New Au(III), Pt(II) and Pd(II) complexes with glycyl-containing homopeptides

Author(s): Koleva, BB (Koleva, Bojidarka B.); Zareva, S (Zareva, Sonya); Kolev, T (Kolev, Tsonko); Spiteller, M (Spiteller, Michael)

Source: JOURNAL OF COORDINATION CHEMISTRY Volume: 61 Issue: 22 Pages: 3534-3548 DOI: 10.1080/00958970802108817 Published: 2008

Record 17 of 33

Title: Aqua palladium complexes: synthesis, properties and applications

Author(s): Vicente, J (Vicente, J); Arcas, A (Arcas, A)

Source: COORDINATION CHEMISTRY REVIEWS Volume: 249 Issue: 11-12 Pages: 1135-1154 DOI: 10.1016/j.ccr.2004.11.005 Published: JUN 2005

Record 18 of 33

Title: Synergic effect of two metal centers in catalytic hydrolysis of methionine-containing peptides promoted by dinuclear palladium(II) hexaazacyclooctadecane complex

Author(s): Yang, GS (Yang, GS); Miao, R (Miao, R); Li, YZ (Li, YZ); Hong, J (Hong, J); Zhao, CM (Zhao, CM); Guo, ZJ (Guo, ZJ); Zhu, LG (Zhu, LG)

Source: DALTON TRANSACTIONS Issue: 9 Pages: 1613-1619 DOI: 10.1039/b500210a Published: 2005

Record 19 of 33

Title: Metal clips induce folding of a short unstructured peptide into an alpha-helix via turn conformations in water. Kinetic versus thermodynamic products

Author(s): Beyer, RL (Beyer, RL); Hoang, HN (Hoang, HN); Appleton, TG (Appleton, TG); Fairlie, DP (Fairlie, DP)

Source: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY Volume: 126 Issue: 46 Pages: 15096-15105 DOI: 10.1021/ja0453762 Published: NOV 24 2004

Record 20 of 33

Title: Structure of AcMet-Gly and its interaction with Palladium(II) tetraaqua complex studied by electrospray mass spectrometry and density functional theory

Author(s): Jin, C (Jin, C); Zhang, L (Zhang, L); Hong, J (Hong, J); Yang, GS (Yang, GS); Zhu, LG (Zhu, LG)

Source: CHINESE JOURNAL OF CHEMISTRY Volume: 22 Issue: 6 Pages: 537-544 Published: JUN 2004

Record 21 of 33

Title: alpha-turn mimetics: short peptide alpha-Helices composed of cyclic metallopeptide modules

Author(s): Kelso, MJ (Kelso, MJ); Beyer, RL (Beyer, RL); Hoangt, HN (Hoangt, HN); Lakdawala, AS (Lakdawala, AS); Snyder, JP (Snyder, JP); Oliver, WV (Oliver, WV); Robertson, TA (Robertson, TA); Appleton, TG (Appleton, TG); Fairlie, DP (Fairlie, DP)

Source: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY Volume: 126 Issue: 15 Pages: 4828-4842 DOI: 10.1021/ja037980i Published: APR 21 2004

Record 22 of 33

Title: Metal-ion-assisted hydrolysis of dipeptides involving a serine residue in a neutral aqueous solution

Author(s): Yashiro, M (Yashiro, M); Sonobe, Y (Sonobe, Y); Yamamura, A (Yamamura, A); Takarada, T (Takarada, T); Komiyama, M (Komiyama, M); Fujii, Y (Fujii, Y)

Source: ORGANIC & BIOMOLECULAR CHEMISTRY Volume: 1 Issue: 4 Pages: 629-632 DOI: 10.1039/b209565c Published: FEB 21 2003

Record 23 of 33

Title: Regioselective cleavage of myoglobin with copper(II) compounds at neutral pH

Author(s): Zhang, L (Zhang, L); Mei, YH (Mei, YH); Zhang, Y (Zhang, Y); Li, S (Li, S); Sun, XJ (Sun, XJ); Zhu, LG (Zhu, LG)

Source: INORGANIC CHEMISTRY Volume: 42 Issue: 2 Pages: 492-498 DOI: 10.1021/ic025619b Published: JAN 27 2003

Record 24 of 33

Title: A cyclic metallopeptide induces alpha helicity in short peptide fragments of thermolysin

Author(s): Kelso, MJ (Kelso, MJ); Hoang, HN (Hoang, HN); Oliver, W (Oliver, W); Sokolenko, N (Sokolenko, N); March, DR (March, DR); Appleton, TG (Appleton, TG); Fairlie, DP (Fairlie, DP)

Source: ANGEWANDTE CHEMIE-INTERNATIONAL EDITION Volume: 42 Issue: 4 Pages: 421-+ DOI: 10.1002/anie.200390128 Published: 2003

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Title: Interplay of terminal amino group and coordinating side chains in directing regioselective cleavage of natural peptides and proteins with palladium(II) complexes

Author(s): Milovic, NM (Milovic, NM); Kostic, NM (Kostic, NM)

Source: INORGANIC CHEMISTRY Volume: 41 Issue: 26 Pages: 7053-7063 DOI: 10.1021/ic025640c Published: DEC 30 2002

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Title: Comparison of energy-minimized structures of [Pd-II(mida)] complexes of peptide sequences used in immobilized metal ion affinity chromatography protein separations

Author(s): Ward, MS (Ward, MS); Shepherd, RE (Shepherd, RE)

Source: INORGANICA CHIMICA ACTA Volume: 311 Issue: 1-2 Pages: 57-68 DOI: 10.1016/S0020-1693(00)00312-1 Published: DEC 22 2000

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Title: Catalytic hydrolysis of peptides by cerium(IV)

Author(s): Takarada, T (Takarada, T); Yashiro, M (Yashiro, M); Komiyama, M (Komiyama, M)

Source: CHEMISTRY-A EUROPEAN JOURNAL Volume: 6 Issue: 21 Pages: 3906-3913 DOI: 10.1002/1521-3765(20001103)6:21<3906::AID-CHEM3906>3.3.CO;2-A Published: NOV 3 2000

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Title: Metal compound-mediated hydrolytic cleavage of oxidized insulin B chain: Regioselectivity and influence of peptide secondary structure

Author(s): Luo, XM (Luo, XM); He, WJ (He, WJ); Zhang, Y (Zhang, Y); Guo, ZJ (Guo, ZJ); Zhu, LG (Zhu, LG)

Source: CHINESE JOURNAL OF CHEMISTRY Volume: 18 Issue: 6 Pages: 855-862 Published: NOV-DEC 2000

Record 29 of 33

Title: Platinum(II) and palladium(II) complexes with histidine and histidyl containing peptides: Structure and reactivity

Author(s): Tsiveriotis, P (Tsiveriotis, P); Malandrinos, G (Malandrinos, G); Hadjiliadis, N (Hadjiliadis, N)

Source: REVIEWS IN INORGANIC CHEMISTRY Volume: 20 Issue: 4 Pages: 305-338 Published: OCT-DEC 2000

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Title: Sequence dependence of the reactivity of histidyl containing peptides with palladium(II) and platinum(II) complex ions. An NMR study

Author(s): Tsiveriotis, P (Tsiveriotis, P); Hadjiliadis, N (Hadjiliadis, N)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 3 Pages: 459-465 DOI: 10.1039/a803700k Published: FEB 7 1999

Record 31 of 33

Title: Enantioselective cleavage of activated amino acid esters promoted by chiral palladacycles

Author(s): Ryabov, AD (Ryabov, AD); Kazankov, GM (Kazankov, GM); Kurzeev, SA (Kurzeev, SA); Samuleev, PV (Samuleev, PV); Polyakov, VA (Polyakov, VA)

Source: INORGANICA CHIMICA ACTA Volume: 280 Issue: 1-2 Pages: 57-61 DOI: 10.1016/S0020-1693(98)00053-X Published: OCT 15 1998

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Title: Regioselective cleavage by a palladium(II) aqua complex of a polypeptide in different overall conformations

Author(s): Parac, TN (Parac, TN); Kostic, NM (Kostic, NM)

Source: INORGANIC CHEMISTRY Volume: 37 Issue: 9 Pages: 2141-2144 DOI: 10.1021/ic970616y Published: MAY 4 1998

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Title: Steric effects, solvent effects, and turnover in hydrolytic cleavage of peptides promoted by palladium(II) aqua complexes

Author(s): Chen, XH (Chen, XH); Zhu, LG (Zhu, LG); You, XZ (You, XZ); Kostic, NM (Kostic, NM)

Source: JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY Volume: 3 Issue: 1 Pages: 1-8

DOI: 10.1007/s007750050202 Published: FEB 1998

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Record 1 of 1

Title: Transition-metal complexes as enzyme-like reagents for protein cleavage: Complex cis-[Pt(en)(H₂O)(2)](2+) as a new methionine-specific protease

Author(s): Milovic, NM (Milovic, NM); Dutca, LM (Dutca, LM); Kostic, NM (Kostic, NM)

Source: CHEMISTRY-A EUROPEAN JOURNAL Volume: 9 Issue: 20 Pages: 5097-5106 DOI:

10.1002/chem.200304772 Published: OCT 17 2003

Best SL, 1997, J CHEM SOC DALTON, P2587, DOI 10.1039/a701395g

Record 1 of 59

Title: Chemistry of gold(III) with pyridine-carboxamide ligands

Author(s): Nasser, N (Nasser, Nasser); Puddephatt, RJ (Puddephatt, Richard J.)

Source: POLYHEDRON Volume: 69 Pages: 61-67 DOI: 10.1016/j.poly.2013.11.022 Published: FEB 17 2014

Record 2 of 59

Title: Transition metal complexes with oligopeptides: single crystals and crystal structures

Author(s): Lillo, V (Lillo, Vanesa); Galan-Mascaros, JR (Ramon Galan-Mascaros, Jose)

Source: DALTON TRANSACTIONS Volume: 43 Issue: 26 Pages: 9821-9833 DOI:

10.1039/c4dt00650j Published: 2014

Record 3 of 59

Title: Template-constrained macrocyclic peptides prepared from native, unprotected precursors

Author(s): Lawson, KV (Lawson, Kenneth V.); Rose, TE (Rose, Tristan E.); Harran, PG (Harran, Patrick G.)

Source: PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA Volume: 110 Issue: 40 Pages: E3753-E3760 DOI: 10.1073/pnas.1311706110

Published: OCT 1 2013

Record 4 of 59

Title: New zinc(II), palladium(II) and platinum(II) complexes of DL-piperidine-2-carboxylic acid; X-ray crystal structure of trans-[Zn-2([mu-Ca)(2)(Hpa)(2)Cl-6] and anticancer activity of some complexes

Author(s): El-Deen, AAA (El-Deen, Afaf A. Alie); El-Askalany, AE (El-Askalany, Abd El-Monem E.);

Halaoui, R (Halaoui, Ruba); Jean-Claude, BJ (Jean-Claude, Bertrand J.); Butler, IS (Butler, Ian S.);

Mostafa, SI (Mostafa, Sahar I.)

Source: JOURNAL OF MOLECULAR STRUCTURE Volume: 1036 Pages: 161-167 DOI:

10.1016/j.molstruc.2012.09.045 Published: MAR 27 2013

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Title: Macrocyclization of the ATCUN Motif Controls Metal Binding and Catalysis

Author(s): Neupane, KP (Neupane, Kosh P.); Aldous, AR (Aldous, Amanda R.); Kritzer, JA (Kritzer, Joshua A.)

Source: INORGANIC CHEMISTRY Volume: 52 Issue: 5 Pages: 2729-2735 DOI: 10.1021/ic302820z Published: MAR 4 2013

Record 6 of 59

Title: Synthesis, characterization and cytotoxicity of gold(III) complexes with deprotonated pyridyl carboxamide

Author(s): Wang, SX (Wang, Shuxiang); Shi, YN (Shi, Yanan); Shao, WQ (Shao, Wenqing); Du, JL (Du, Jianlong); Wei, HY (Wei, Haiying); Zhang, JC (Zhang, Jinchao); Wang, K (Wang, Ke); Shen, SG (Shen, Shigang); Li, SG (Li, Shenghui); Li, JT (Li, Jitai); Zhao, YY (Zhao, Yangyang)

Source: APPLIED ORGANOMETALLIC CHEMISTRY Volume: 26 Issue: 10 Pages: 504-510 DOI: 10.1002/aoc.2888 Published: OCT 2012

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Title: Peptides as complexing agents: Factors influencing the structure and thermodynamic stability of peptide complexes

Author(s): Sovago, I (Sovago, Imre); Kallay, C (Kallay, Csilla); Varnagy, K (Varnagy, Katalin)

Source: COORDINATION CHEMISTRY REVIEWS Volume: 256 Issue: 19-20 Special Issue: SI Pages: 2225-2233 DOI: 10.1016/j.ccr.2012.02.026 Published: OCT 2012

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Title: Gold Ion-Angiotensin Peptide Interaction by Mass Spectrometry

Author(s): Lee, J (Lee, Jenny); Jayathilaka, LP (Jayathilaka, Lasanthi P.); Gupta, S (Gupta, Shalini); Huang, JS (Huang, Jin-Sheng); Lee, BS (Lee, Bao-Shiang)

Source: JOURNAL OF THE AMERICAN SOCIETY FOR MASS SPECTROMETRY Volume: 23 Issue: 5 Pages: 942-951 DOI: 10.1007/s13361-011-0328-0 Published: MAY 2012

Record 9 of 59

Title: A gold(III) complex and a tetrachloroaurate salt of the neuroepileptic drug gabapentin

Author(s): Shaikjee, A (Shaikjee, Ahmed); Levendis, DC (Levendis, Demetrius C.); Marques, HM (Marques, Helder M.); Mampa, R (Mampa, Richard)

Source: INORGANIC CHEMISTRY COMMUNICATIONS Volume: 14 Issue: 4 Pages: 534-538 DOI: 10.1016/j.inoche.2011.01.017 Published: APR 2011

Record 10 of 59

Title: Self-Assembly of Amino-Thiols via Gold-Nitrogen Links and Consequence for in situ Elongation of Molecular Wires on Surface-Modified Electrodes

Author(s): Ashwell, GJ (Ashwell, Geoffrey J.); Williams, AT (Williams, Aled T.); Barnes, SA (Barnes, Susan A.); Chappell, SL (Chappell, Sarah L.); Phillips, LJ (Phillips, Laurie J.); Robinson, BJ (Robinson, Benjamin J.); Urasinska-Wojcik, B (Urasinska-Wojcik, Barbara); Wierzchowicz, P (Wierzchowicz, Piotr); Gentle, IR (Gentle, Ian R.); Wood, BJ (Wood, Barry J.)

Source: JOURNAL OF PHYSICAL CHEMISTRY C Volume: 115 Issue: 10 Pages: 4200-4208 DOI: 10.1021/jp200006j Published: MAR 17 2011

Record 11 of 59

Title: Peptide Synthesis of Gold Nanoparticles: The Early Steps of Gold Reduction Investigated by Density Functional Theory

Author(s): Toroz, D (Toroz, Dimitrios); Corni, S (Corni, Stefano)

Source: NANO LETTERS Volume: 11 Issue: 3 Pages: 1313-1318 DOI: 10.1021/nl1043924 Published: MAR 2011

Record 12 of 59

Title: Selective Separation of Precious Metals using Biomass Materials

Author(s): Shimada, Y (Shimada, Yukiko); Niide, T (Niide, Teppei); Kubota, F (Kubota, Fukiko); Kamiya, N (Kamiya, Noriho); Goto, M (Goto, Masahiro)

Source: KAGAKU KOGAKU RONBUNSHU Volume: 36 Issue: 4 Pages: 255-258 Published: 2010

Record 13 of 59

Title: Gold(III) bis-thiosemicarbazone complexes: synthesis, characterization, radiochemistry and X-ray crystal structure analysis

Author(s): Bottenus, BN (Bottenus, Brienne N.); Kan, P (Kan, Para); Jenkins, T (Jenkins, Tyler); Ballard, B (Ballard, Beau); Rold, TL (Rold, Tammy L.); Barnes, C (Barnes, Charles); Cutler, C (Cutler, Cathy); Hoffman, TJ (Hoffman, Timothy J.); Green, MA (Green, Mark A.); Jurisson, SS (Jurisson, Silvia S.)

Source: NUCLEAR MEDICINE AND BIOLOGY Volume: 37 Issue: 1 Pages: 41-49 DOI: 10.1016/j.nucmedbio.2009.08.003 Published: JAN 2010

Record 14 of 59

Title: New Au (III), Pt (II) and Pd (II) Complexes with Pentapeptide Glycyl-glycyl-L-Methionyl-Glycyl-Glycine and Their Interaction with Calf Thymus DNA

Author(s): Chapkanov, A (Chapkanov, A.); Miteva, Y (Miteva, Y.); Kolev, T (Kolev, T.); Spiteller, M (Spiteller, M.); Koleva, B (Koleva, B.)

Source: PROTEIN AND PEPTIDE LETTERS Volume: 17 Issue: 2 Pages: 228-237 Published: 2010

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Title: Dipeptide L-Seryl-L-Methionine Linear Dichroic IR and Theoretical Characterization

Author(s): Chapkanov, A (Chapkanov, A.); Zareva, S (Zareva, S.)

Source: SPECTROSCOPY LETTERS Volume: 43 Issue: 2 Pages: 79-83 Article Number: DOI: 10.1080/00387010903278234 Published: 2010

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Title: The anti-cancer properties of gold(III) compounds with dianionic porphyrin and tetradentate ligands

Author(s): Sun, RWY (Sun, Raymond Wai-Yin); Che, CM (Che, Chi-Ming)

Source: COORDINATION CHEMISTRY REVIEWS Volume: 253 Issue: 11-12 Pages: 1682-1691 DOI: 10.1016/j.ccr.2009.02.017 Published: JUN 2009

Record 17 of 59

Title: Antitumor Au(III) Complexes

Author(s): Shi, PF (Shi Pengfei); Jiang, Q (Jiang Qin)

Source: PROGRESS IN CHEMISTRY Volume: 21 Issue: 4 Pages: 644-653 Published: APR 2009

Record 18 of 59

Title: Mechanism of complex formation between [AuCl₄]⁻ and L-methionine

Author(s): Vujacic, AV (Vujacic, A. V.); Savic, JZ (Savic, J. Z.); Sovilj, SP (Sovilj, S. P.); Szecsenyi, KM (Szecsenyi, K. Meszaros); Todorovic, N (Todorovic, N.); Petkovic, MZ (Petkovic, M. Z.); Vasic, VM (Vasic, V. M.)

Source: POLYHEDRON Volume: 28 Issue: 3 Pages: 593-599 DOI: 10.1016/j.poly.2008.11.045 Published: FEB 24 2009

Record 19 of 59

Title: Gold(III) iminophosphorane complexes as catalysts in C-C and C-O bond formations

Author(s): Aguilar, D (Aguilar, David); Contel, M (Contel, Maria); Navarro, R (Navarro, Rafael); Soler, T (Soler, Tatiana); Urriolabeitia, EP (Urriolabeitia, Esteban P.)

Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY Volume: 694 Issue: 4 Pages: 486-493

DOI: 10.1016/j.jorganchem.2008.09.058 Published: FEB 15 2009

Record 20 of 59

Title: Structural and IR-Spectroscopic Elucidation of Dipeptide (L)-Threonyl- (L)-Methionine in Solid State

Author(s): Chapkanov, AG (Chapkanov, A. G.); Zareva, SY (Zareva, S. Y.)

Source: PROTEIN AND PEPTIDE LETTERS Volume: 16 Issue: 11 Pages: 1277-1280 Published: 2009

Record 21 of 59

Title: Synthesis, spectroscopic analysis and structure deduction of gold(III), palladium(II) and platinum(II) complexes with the tripeptide glycyl-L-phenylalanyl-glycine

Author(s): Koleva, BB (Koleva, Bojidarka B.); Kolev, T (Kolev, Tsonko); Lamshoft, M (Lamshoeft, Marc); Spiteller, M (Spiteller, Michael)

Source: TRANSITION METAL CHEMISTRY Volume: 33 Issue: 7 Pages: 911-919 DOI: 10.1007/s11243-008-9132-5 Published: OCT 2008

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Title: Synthesis, spectroscopic, structural and theoretical characterization of hydrogensquarate and mononuclear Au(III)-complex of dipeptide phenylalanyltirosine

Author(s): Koleva, BB (Koleva, Bojidarka B.); Kolev, T (Kolev, Tsonko); Zareva, SY (Zareva, Sonya Y.); Spiteller, M (Spiteller, Michael)

Source: JOURNAL OF MOLECULAR STRUCTURE Volume: 885 Issue: 1-3 Pages: 104-110 DOI: 10.1016/j.moistruc.2007.10.015 Published: AUG 14 2008

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Title: New Au(III), Pt(II) and Pd(II) complexes with glycyl-containing homopeptides

Author(s): Koleva, BB (Koleva, Bojidarka B.); Zareva, S (Zareva, Sonya); Kolev, T (Kolev, Tsonko); Spiteller, M (Spiteller, Michael)

Source: JOURNAL OF COORDINATION CHEMISTRY Volume: 61 Issue: 22 Pages: 3534-3548 DOI: 10.1080/00958970802108817 Published: 2008

Record 24 of 59

Title: Structural and spectroscopic analysis of dipeptide L-methionyl-glycine and its hydrochloride

Author(s): Koleva, BB (Koleva, B. B.); Kolev, TM (Kolev, T. M.); Todorov, S (Todorov, S.)

Source: CHEMICAL PAPERS Volume: 61 Issue: 6 Pages: 490-496 DOI: 10.2478/s11696-007-0067-7 Published: DEC 2007

Record 25 of 59

Title: Mass spectrometric determination of the coordination geometry of potential copper(II) surrogates for the mammalian prion protein octarepeat region

Author(s): Pushie, MJ (Pushie, M. Jake); Ross, ARS (Ross, Andrew R. S.); Vogel, HJ (Vogel, Hans J.)

Source: ANALYTICAL CHEMISTRY Volume: 79 Issue: 15 Pages: 5659-5667 DOI: 10.1021/ac070312l Published: AUG 1 2007

Record 26 of 59

Title: Mononuclear Au(III)-complexes with tryptophan-containing dipeptides: Synthesis, spectroscopic and structural elucidation

Author(s): Koleva, BB (Koleva, B. B.); Kolev, T (Kolev, Ts.); Spiteller, M (Spiteller, M.)

Source: INORGANICA CHIMICA ACTA Volume: 360 Issue: 7 Pages: 2224-2230 DOI: 10.1016/j.ica.2006.11.002 Published: MAY 2 2007

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Title: Amine-amide equilibrium in gold(III) complexes and a gold(III)-gold(I) aurophilic bond

Author(s): Cao, LY (Cao, Lingyun); Jennings, MC (Jennings, Michael C.); Puddephatt, RJ (Puddephatt, Richard J.)

Source: INORGANIC CHEMISTRY Volume: 46 Issue: 4 Pages: 1361-1368 DOI: 10.1021/ic061911y Published: FEB 19 2007

Record 28 of 59

Title: Proteins and protein-rich biomass as environmentally friendly adsorbents selective for precious metal ions

Author(s): Maruyama, T (Maruyama, Tatsuo); Matsushita, H (Matsushita, Hironari); Shimada, Y (Shimada, Yukiko); Kamata, I (Kamata, Ichiro); Hanaki, M (Hanaki, Misa); Sonokawa, S (Sonokawa, Saori); Kamiya, N (Kamiya, Noriho); Goto, M (Goto, Masahiro)

Source: ENVIRONMENTAL SCIENCE & TECHNOLOGY Volume: 41 Issue: 4 Pages: 1359-1364 DOI: 10.1021/es061664x Published: FEB 15 2007

Record 29 of 59

Title: Inhibitory effects of gold(III) ions on ribonuclease and deoxyribonuclease

Author(s): Maruyama, T (Maruyama, Tatsuo); Sonokawa, S (Sonokawa, Saori); Matsushita, H (Matsushita, Hironari); Goto, M (Goto, Masahiro)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 101 Issue: 1 Pages: 180-186 DOI: 10.1016/j.jinorgbio.2006.09.021 Published: JAN 2007

Record 30 of 59

Title: Au(III)-complexes of the alanyl-containing peptides glycylalanine and glycylalanylalanine - Synthesis, spectroscopic and structural characterization

Author(s): Kolev, T (Kolev, Ts.); Koleva, BB (Koleva, B. B.); Zareva, SY (Zareva, S. Y.); Spiteller, M (Spiteller, M.)

Source: INORGANICA CHIMICA ACTA Volume: 359 Issue: 13 Pages: 4367-4376 DOI: 10.1016/j.ica.2006.05.034 Published: OCT 1 2006

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Title: New cationic palladium(II) compounds with several bidentate nitrogen-donor ligands: Synthesis, spectroscopic analyses and X-ray crystal structure

Author(s): Panella, A (Panella, A); Pons, J (Pons, J); Garcia-Anton, J (Garcia-Anton, J); Solans, X (Solans, X); Font-Bardia, M (Font-Bardia, M); Ros, J (Ros, J)

Source: INORGANICA CHIMICA ACTA Volume: 359 Issue: 7 Pages: 2226-2231 DOI: 10.1016/j.ica.2005.11.046 Published: APR 25 2006

Record 32 of 59

Title: Synthesis, structures, and electrochemistry of gold(III) ethylenediamine complexes and interactions with guanosine 5'-monophosphate

Author(s): Zhu, SR (Zhu, SR); Gorski, W (Gorski, W); Powell, DR (Powell, DR); Walmsley, JA (Walmsley, JA)

Source: INORGANIC CHEMISTRY Volume: 45 Issue: 6 Pages: 2688-2694 DOI: 10.1021/ic051411p Published: MAR 20 2006

Record 33 of 59

Title: A survey of diamagnetic probes for copper(2+) binding to the prion protein. H-1 NMR solution structure of the palladium(2+) bound single octarepeat

Author(s): Garnett, AP (Garnett, AP); Jones, CE (Jones, CE); Viles, JH (Viles, JH)

Source: DALTON TRANSACTIONS Issue: 3 Pages: 509-518 DOI: 10.1039/b511553a Published: JAN 21 2006

Record 34 of 59

Title: Metal ion selectivity of oligopeptides

Author(s): Sovago, I (Sovago, Imre); Osz, K (Osz, Katalin)

Source: DALTON TRANSACTIONS Issue: 32 Pages: 3841-3854 DOI: 10.1039/b607515k Published: 2006

Record 35 of 59

Title: Kinetics of oxidation of L-histidine by tetrachloroaurate(III) ion in perchloric acid solution

Author(s): Soni, V (Soni, V); Sindal, RS (Sindal, RS); Mehrotra, RN (Mehrotra, RN)

Source: POLYHEDRON Volume: 24 Issue: 10 Pages: 1167-1174 DOI: 10.1016/j.poly.2005.03.057 Published: JUL 14 2005

Record 36 of 59

Title: Solid-state linear-dichroic infrared spectroscopic analysis of the dipeptide S-Phe-S-Phe and its mononuclear Au(III) complex

Author(s): Ivanova, BB (Ivanova, BB)

Source: JOURNAL OF COORDINATION CHEMISTRY Volume: 58 Issue: 7 Pages: 587-593 DOI: 10.1080/00958970500039033 Published: MAY 10 2005

Record 37 of 59

Title: Au(III) interaction with methionine- and histidine-containing peptides

Author(s): Ivanova, BB (Ivanova, BB); Mitewa, MIO (Mitewa, MIO)

Source: JOURNAL OF COORDINATION CHEMISTRY Volume: 57 Issue: 3 Pages: 217-221 DOI: 10.1080/00958970410001671192 Published: FEB 15 2004

Record 38 of 59

Title: Gold complexes as antitumor agents

Author(s): Messori, L (Messori, L); Marcon, G (Marcon, G)

Source: METAL IONS IN BIOLOGICAL SYSTEMS, VOL 42: METAL COMPLEXES IN TUMOR DIAGNOSIS AND AS ANTICANCER AGENTS Book Series: METAL IONS IN BIOLOGICAL SYSTEMS Volume: 42 Pages: 385-424 Published: 2004

Record 39 of 59

Title: Chemical and biological studies of gold(III) complexes with uninegative bidentate N-N ligands

Author(s): Fan, DM (Fan, DM); Yang, CT (Yang, CT); Ranford, JD (Ranford, JD); Vittal, JJ (Vittal, JJ)

Source: DALTON TRANSACTIONS Issue: 24 Pages: 4749-4753 DOI: 10.1039/b309310g Published: DEC 21 2003

Record 40 of 59

Title: Gold(III) complexes of amides of EDTA (L, L-1) and PDTA (L-2, L-3) as model systems for gold(III)-peptide/protein interactions. Synthesis of [AuLCl][AuCl₄], [(AuLCl)-Cl-2]Cl and related complexes and the crystal and molecular structures of [Au(LH-1)Cl][AuCl₄] containing a deprotonated amide ligand and of (LH₂)(2)[AuCl₄](3.5)[AuCl₂](0.5)center dot 2H₂O

Author(s): Cornejo, AA (Cornejo, AA); Castineiras, A (Castineiras, A); Yanovsky, AI (Yanovsky, AI); Nolan, KB (Nolan, KB)

Source: INORGANICA CHIMICA ACTA Volume: 349 Pages: 91-96 DOI: 10.1016/S0020-1693(03)00054-9 Published: JUN 5 2003

Record 41 of 59

Title: New stable complexes of Au(III) with biuret: X-ray structure of cis-[Au(Biu)Br₂]PPh₄ and Ab initio investigation of cis-[Au(Biu)X₂](⁻)

Author(s): Mintcheva, N (Mintcheva, N); Mitewa, M (Mitewa, M); Enchev, V (Enchev, V); Nishihara, Y (Nishihara, Y)

Source: JOURNAL OF COORDINATION CHEMISTRY Volume: 56 Issue: 4 Pages: 299-305 DOI: 10.1080/0095897031000069049 Published: MAR 10 2003

Record 42 of 59

Title: Synthesis and characterization of a Novel Au (III)-Pyridine-Carboxamide complex and its reaction with 5'-GMP

Author(s): Yang, T (Yang, T); Zhang, JY (Zhang, JY); Tu, C (Tu, C); Lin, J (Lin, J); Liu, Q (Liu, Q); Guo, ZJ (Guo, ZJ)

Source: CHINESE JOURNAL OF INORGANIC CHEMISTRY Volume: 19 Issue: 1 Pages: 45-48 Published: JAN 2003

Record 43 of 59

Title: Copper(II), nickel(II) and zinc(II) complexes of amino acids containing bis(imidazol-2-yl)methyl residues

Author(s): Osz, K (Osz, K); Varnagy, K (Varnagy, K); Suili-Vargha, H (Suili-Vargha, H); Sanna, D (Sanna, D); Micera, G (Micera, G); Sovago, I (Sovago, I)

Source: INORGANICA CHIMICA ACTA Volume: 339 Pages: 373-382 Article Number: DOI: 10.1016/S0020-1693(02)00954-4 Published: NOV 15 2002

Record 44 of 59

Title: Metal complexes of peptides containing monodentate or chelating imidazole nitrogen donors: Factors influencing the coordination of amide groups and imidazole side chains

Author(s): Sovago, I (Sovago, I); Varnagy, K (Varnagy, K); Osz, K (Osz, K)

Source: COMMENTS ON INORGANIC CHEMISTRY Volume: 23 Issue: 2 Pages: 149-178 DOI: 10.1080/02603590214513 Published: MAR-APR 2002

Record 45 of 59

Title: Gold(III) thiosalicylate complexes containing cycloaurated 2-arylpyridine, 2-anilinopyridine and 2-benzylpyridine ligands

Author(s): Henderson, W (Henderson, W); Nicholson, BK (Nicholson, BK); Faville, SJ (Faville, SJ); Fan, D (Fan, D); Ranford, JD (Ranford, JD)

Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY Volume: 631 Issue: 1-2 Pages: 41-46 DOI: 10.1016/S0022-328X(01)00987-1 Published: AUG 10 2001

Record 46 of 59

Title: Synthesis and characterization of meso-[Ru(NO)Cl(dioxocyclam)] and the H-1 NMR comparison with [M-II(dioxocyclam)] complexes (M-II = Ni-II and Pd-II) (dioxocyclam=1,4,8,11-tetraazacyclotetradecane-5,7-dione)

Author(s): Slocik, JM (Slocik, JM); Ward, MS (Ward, MS); Shepherd, RE (Shepherd, RE)

Source: INORGANICA CHIMICA ACTA Volume: 317 Issue: 1-2 Pages: 290-303 DOI: 10.1016/S0020-1693(01)00427-3 Published: MAY 28 2001

Record 47 of 59

Title: Syntheses and characterization of gold(III) tetradentate Schiff base complexes. X-ray crystal structures of [Au(sal(2)pn)]Cl center dot 2.5H(2)O and [Au(sal(2)en)]PF₆

Author(s): Barnholtz, SL (Barnholtz, SL); Lydon, JD (Lydon, JD); Huang, G (Huang, G); Venkatesh, M (Venkatesh, M); Barnes, CL (Barnes, CL); Ketrin, AR (Ketrin, AR); Jurisson, SS (Jurisson, SS)

Source: INORGANIC CHEMISTRY Volume: 40 Issue: 5 Pages: 972-976 DOI: 10.1021/ic001073m Published: FEB 26 2001

Record 48 of 59

Title: Synthesis and characterisation of four- and eight-membered ring auralactam complexes

Author(s): Henderson, W (Henderson, W); Nicholson, BK (Nicholson, BK); Oliver, AG (Oliver, AG)

Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY Volume: 620 Issue: 1-2 Pages: 182-189

DOI: 10.1016/S0022-328X(00)00817-2 Published: FEB 15 2001

Record 49 of 59

Title: Peptide bond characteristics

Author(s): Martin, RB (Martin, RB)

Source: PROBING OF PROTEINS BY METAL IONS AND THEIR LOW-MOLECULAR-WEIGHT COMPLEXES Book Series: METAL IONS IN BIOLOGICAL SYSTEMS Volume: 38 Pages: 1-23

Published: 2001

Record 50 of 59

Title: Palladium(II) and Platinum(II) complexes as synthetic peptidases

Author(s): Milovic, NM (Milovic, NM); Kostic, NM (Kostic, NM)

Source: PROBING OF PROTEINS BY METAL IONS AND THEIR LOW-MOLECULAR-WEIGHT COMPLEXES Book Series: METAL IONS IN BIOLOGICAL SYSTEMS Volume: 38 Pages: 145-186

Published: 2001

Record 51 of 59

Title: Comparison of energy-minimized structures of [Pd-II(mida)] complexes of peptide sequences used in immobilized metal ion affinity chromatography protein separations

Author(s): Ward, MS (Ward, MS); Shepherd, RE (Shepherd, RE)

Source: INORGANICA CHIMICA ACTA Volume: 311 Issue: 1-2 Pages: 57-68 DOI: 10.1016/S0020-1693(00)00312-1 Published: DEC 22 2000

Record 52 of 59

Title: Coordination of Ru(NO)Cl₃ to the tripeptides gly-gly-gly and gly-gly-his: N-terminal amine-amide and C-terminal imidazole-amide functionalities in bidentate chelation

Author(s): Slocik, JM (Slocik, JM); Shepherd, RE (Shepherd, RE)

Source: INORGANICA CHIMICA ACTA Volume: 311 Issue: 1-2 Pages: 80-94 DOI: 10.1016/S0020-1693(00)00309-1 Published: DEC 22 2000

Record 53 of 59

Title: Platinum(II) and palladium(II) complexes with histidine and histidyl containing peptides: Structure and reactivity

Author(s): Tsiveriotis, P (Tsiveriotis, P); Malandrinis, G (Malandrinis, G); Hadjiliadis, N (Hadjiliadis, N)

Source: REVIEWS IN INORGANIC CHEMISTRY Volume: 20 Issue: 4 Pages: 305-338 Published: OCT-DEC 2000

Record 54 of 59

Title: Metal complexes with biologically important ligands, CXXVIII [1]. Palladium(II) complexes with deprotonated peptide esters as N,N'-chelate ligands

Author(s): Hoffmuller, W (Hoffmuller, W); Kramer, P (Kramer, P); Maurus, M (Maurus, M); Polborn, K (Polborn, K); Beck, W (Beck, W)

Source: ZEITSCHRIFT FUR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES Volume: 55 Issue: 9 Pages: 855-862 Published: SEP 2000

Record 55 of 59

Title: Medicinal inorganic chemistry

Author(s): Guo, ZJ (Guo, ZJ); Sadler, PJ (Sadler, PJ)

Source: ADVANCES IN INORGANIC CHEMISTRY, VOL 49 Book Series: ADVANCES IN INORGANIC CHEMISTRY Volume: 49 Pages: 183-306 Published: 2000

Record 56 of 59

Title: Speciation of gold(III)-L-histidine complex: a multi-instrumental approach

Author(s): Cuadrado, JA (Cuadrado, JA); Zhang, WX (Zhang, WX); Hang, W (Hang, W); Majidi, V (Majidi, V)

Source: JOURNAL OF ENVIRONMENTAL MONITORING Volume: 2 Issue: 4 Pages: 355-359 DOI: 10.1039/b000085j Published: 2000

Record 57 of 59

Title: Metal complexes of biologically important ligands, CXII - Bis(dipeptide ester-H⁺) complexes of palladium(II)-precursors for the formation of cyclotetrapeptides

Author(s): Haas, K (Haas, K); Ehrenstorfer-Schafers, EM (Ehrenstorfer-Schafers, EM); Polborn, K (Polborn, K); Beck, W (Beck, W)

Source: EUROPEAN JOURNAL OF INORGANIC CHEMISTRY Issue: 3 Pages: 465-469 Published: MAR 1999

Record 58 of 59

Title: Metals in medicine

Author(s): Guo, ZJ (Guo, ZJ); Sadler, PJ (Sadler, PJ)

Source: ANGEWANDTE CHEMIE-INTERNATIONAL EDITION Volume: 38 Issue: 11 Pages: 1513-1531 Published: 1999

Record 59 of 59

Title: Organogold(III) metallacyclic chemistry. Part 2. Synthesis and characterisation of the first gold(III) ureylene complexes. Crystal structures of $[\{C_6H_3(CH_2NMe_2)_2-(OMe)_5\}Au\{RNC(O)NR\}]$ (R=Ph and C(O)Me)

Author(s): Dinger, MB (Dinger, MB); Henderson, W (Henderson, W)

Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY Volume: 557 Issue: 2 Pages: 231-241 Published: APR 30 1998

Bugarcic Z. D., 1997, J SERB CHEM SOC, V62, P1031

Record 1 of 8

Title: Mechanistic studies on the reactions of platinum(II) complexes with nitrogen- and sulfur-donor biomolecules

Author(s): Bugarcic, ZD (Bugarcic, Zivadin D.); Bogojeski, J (Bogojeski, Jovana); Petrovic, B (Petrovic, Biljana); Hochreuther, S (Hochreuther, Stephanie); van Eldik, R (van Eldik, Rudi)

Source: DALTON TRANSACTIONS Volume: 41 Issue: 40 Pages: 12329-12345 DOI: 10.1039/c2dt31045g Published: 2012

Record 2 of 8

Title: Platinum complexes of terpyridine: Synthesis, structure and reactivity

Author(s): Cummings, SD (Cummings, Scott D.)

Source: COORDINATION CHEMISTRY REVIEWS Volume: 253 Issue: 3-4 Pages: 449-478 DOI: 10.1016/j.ccr.2008.04.013 Published: FEB 2009

Record 3 of 8

Title: Kinetic and Mechanistic Investigation into the influence of Chelate Substituents on the Substitution Reactions of Platinum(II) Terpyridine Complexes

Author(s): Jaganyi, D (Jaganyi, Deogratus); De Boer, KL (De Boer, Kristy-Lyn); Gertenbach, J (Gertenbach, Jan); Perils, J (Perils, Joanne)

Source: INTERNATIONAL JOURNAL OF CHEMICAL KINETICS Volume: 40 Issue: 12 Pages: 808-818 DOI: 10.1002/kin.20338 Published: DEC 2008

Record 4 of 8

Title: Kinetics and mechanism of the complex formation of [Pd(NNN)Cl](+) with pyridines in methanol: synthesis and crystal structure of [Pd(terpy)(py)](ClO₄)(2)

Author(s): Bugarcic, ZD (Bugarcic, ZD); Petrovic, B (Petrovic, B); Zangrando, E (Zangrando, E)

Source: INORGANICA CHIMICA ACTA Volume: 357 Issue: 9 Pages: 2650-2656 DOI: 10.1016/j.ica.2004.02.015 Published: JUL 5 2004

Record 5 of 8

Title: Rate and equilibrium data for substitution reactions of [Pd(dien)Cl](+) with L-cysteine and glutathione in aqueous solution

Author(s): Bugarcic, ZD (Bugarcic, ZD); Jancic, DM (Jancic, DM); Shoukry, AA (Shoukry, AA); Shoukry, MM (Shoukry, MM)

Source: MONATSHFTE FUR CHEMIE Volume: 135 Issue: 2 Pages: 151-160 DOI: 10.1007/s00706-003-0091-4 Published: FEB 2004

Record 6 of 8

Title: Influence of sodium dodecyl sulfate on the kinetics of complex formation between [PdCl(dien)](+) and sulfur containing ligands L-cysteine and glutathione

Author(s): Vasic, V (Vasic, V); Cakar, M (Cakar, M); Savic, J (Savic, J); Petrovic, B (Petrovic, B); Nedeljkovic, J (Nedeljkovic, J); Bugarcic, I (Bugarcic, I)

Source: POLYHEDRON Volume: 22 Issue: 2 Pages: 279-285 Article Number: DOI: 10.1016/S0277-5387(02)01307-4 Published: JAN 15 2003

Record 7 of 8

Title: Synthesis and reactivity of [PdCl(terpy)]Cl

Author(s): Karkalic, R (Karkalic, R); Bugarcic, ZD (Bugarcic, ZD)

Source: MONATSHFTE FUR CHEMIE Volume: 131 Issue: 8 Pages: 819-824 DOI: 10.1007/s007060070059 Published: AUG 2000

Record 8 of 8

Title: Kinetics and mechanism of the reaction of platinum(II) complexes with thioglycolic acid

Author(s): Bugarcic, ZD (Bugarcic, ZD); Djordjevic, BV (Djordjevic, BV)

Source: MONATSHFTE FUR CHEMIE Volume: 129 Issue: 12 Pages: 1267-1274 Published: DEC 1998

Djuran MI, 1998, J COORD CHEM, V44, P289

Record 1 of 4

Title: Synthetic Methods for the Preparation of Platinum Anticancer Complexes

Author(s): Wilson, JJ (Wilson, Justin J.); Lippard, SJ (Lippard, Stephen J.)

Source: CHEMICAL REVIEWS Volume: 114 Issue: 8 Special Issue: SI Pages: 4470-4495 DOI: 10.1021/cr4004314 Published: APR 23 2014

Record 2 of 4

Title: Photoactivation of trans diamine platinum complexes in aqueous solution and effect on reactivity towards nucleotides

Author(s): Cubo, L (Cubo, Leticia); Pizarro, AM (Pizarro, Ana M.); Quiroga, AG (Quiroga, Adoracion Gomez); Salassa, L (Salassa, Luca); Navarro-Ranninger, C (Navarro-Ranninger, Carmen); Sadler, PJ (Sadler, Peter J.)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 104 Issue: 9 Pages: 909-918 DOI: 10.1016/j.jinorgbio.2010.04.009 Published: SEP 2010

Record 3 of 4

Title: The Role of Sulfur in Platinum Anticancer Chemotherapy

Author(s): Wang, XY (Wang, Xiaoyong); Guo, ZJ (Guo, Zijian)

Source: ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY Volume: 7 Issue: 1 Pages: 19-34

DOI: 10.2174/187152007779314062 Published: JAN 2007

Record 4 of 4

Title: Transition-metal complexes as enzyme-like reagents for protein cleavage: Complex cis-[Pt(en)(H₂O)(2)](2+) as a new methionine-specific protease

Author(s): Milovic, NM (Milovic, NM); Dutca, LM (Dutca, LM); Kostic, NM (Kostic, NM)

Source: CHEMISTRY-A EUROPEAN JOURNAL Volume: 9 Issue: 20 Pages: 5097-5106 DOI: 10.1002/chem.200304772 Published: OCT 17 2003

Djuran MI, 1999, MONATSH CHEM, V130, P613, DOI 10.1007/PL00010242

Record 1 of 5

Title: Use of diethanolammonium-tetrachloridopalladate(II) complex in bioorganic modelling as artificial metallopeptidase in the reaction with N-acetylated L-methionylglycine dipeptide. NMR and DFT study of the hydrolytic reaction

Author(s): Petrovic, VP (Petrovic, Vladimir P.); Simijonovic, D (Simijonovic, Dusica); Petrovic, ZD (Petrovic, Zorica D.)

Source: JOURNAL OF MOLECULAR STRUCTURE Volume: 1060 Pages: 38-41 DOI: 10.1016/j.molstruc.2013.12.026 Published: FEB 24 2014

Record 2 of 5

Title: Aqua palladium complexes: synthesis, properties and applications

Author(s): Vicente, J (Vicente, J); Arcas, A (Arcas, A)

Source: COORDINATION CHEMISTRY REVIEWS Volume: 249 Issue: 11-12 Pages: 1135-1154

DOI: 10.1016/j.ccr.2004.11.005 Published: JUN 2005

Record 3 of 5

Title: Palladium(II) complexes, as synthetic peptidases, regioselectively cleave the second peptide bond "upstream" from methionine and histidine side chains

Author(s): Milovic, NM (Milovic, NM); Kostic, NM (Kostic, NM)

Source: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY Volume: 124 Issue: 17 Pages: 4759-4769 DOI: 10.1021/ja012366x Published: MAY 1 2002

Record 4 of 5

Title: Binding of biotin labeled horseradish peroxidase using immobilized palladium ions

Author(s): Jaya, M (Jaya, M); Garcia, AA (Garcia, AA)

Source: REACTIVE & FUNCTIONAL POLYMERS Volume: 51 Issue: 1 Pages: 15-24 Article Number: Published: APR 2002

Record 5 of 5

Title: Comparison of energy-minimized structures of [Pd-II(mida)] complexes of peptide sequences used in immobilized metal ion affinity chromatography protein separations

Author(s): Ward, MS (Ward, MS); Shepherd, RE (Shepherd, RE)

Source: INORGANICA CHIMICA ACTA Volume: 311 Issue: 1-2 Pages: 57-68 DOI: 10.1016/S0020-1693(00)00312-1 Published: DEC 22 2000

Djuran MI, 1999, POLYHEDRON, V18, P3611, DOI 10.1016/S0277-5387(99)00290-9

Record 1 of 11

Title: Use of diethanolammonium-tetrachloridopalladate(II) complex in bioorganic modelling as artificial metalloproteinase in the reaction with N-acetylated L-methionylglycine dipeptide. NMR and DFT study of the hydrolytic reaction

Author(s): Petrovic, VP (Petrovic, Vladimir P.); Simijonovic, D (Simijonovic, Dusica); Petrovic, ZD (Petrovic, Zorica D.)

Source: JOURNAL OF MOLECULAR STRUCTURE Volume: 1060 Pages: 38-41 DOI: 10.1016/j.molstruc.2013.12.026 Published: FEB 24 2014

Record 2 of 11

Title: Amide bond hydrolysis in peptides and cyclic peptides catalyzed by a dimeric Zr(IV)-substituted Keggin type polyoxometalate

Author(s): Ly, HGT (Ly, Hong Giang T.); Absillis, G (Absillis, Gregory); Parac-Vogt, TN (Parac-Vogt, Tatjana N.)

Source: DALTON TRANSACTIONS Volume: 42 Issue: 30 Pages: 10929-10938 DOI: 10.1039/c3dt50705j Published: 2013

Record 3 of 11

Title: Self-Assembled Histidine Acid Phosphatase Nanocapsules in Ionic Liquid [BMIM][BF₄] as Functional Templates for Hollow Metal Nanoparticles

Author(s): Soni, SK (Soni, Sarvesh K.); Selvakannan, PR (Selvakannan, P. R.); Bhargava, SK (Bhargava, Suresh K.); Bansal, V (Bansal, Vipul)

Source: LANGMUIR Volume: 28 Issue: 28 Pages: 10389-10397 DOI: 10.1021/la3014128 Published: JUL 17 2012

Record 4 of 11

Title: Metallotherapeutics: Novel Strategies in Drug Design

Author(s): Hocharoen, L (Hocharoen, Lalintip); Cowan, JA (Cowan, James A.)

Source: CHEMISTRY-A EUROPEAN JOURNAL Volume: 15 Issue: 35 Pages: 8670-8676 DOI: 10.1002/chem.200900821 Published: 2009

Record 5 of 11

Title: Comparative and structural analysis of the interaction between beta-lactoglobulin type A and B with a new anticancer component (2,2'-bipyridin n-hexyl dithiocarbamate Pd(II) nitrate)

Author(s): Divsalar, A (Divsalar, A.); Saboury, AA (Saboury, A. A.); Mansoori-Torshizi, H (Mansoori-Torshizi, H.); Hemmatinejad, B (Hemmatinejad, B.)

Source: BULLETIN OF THE KOREAN CHEMICAL SOCIETY Volume: 27 Issue: 11 Pages: 1801-1808 Published: NOV 20 2006

Record 6 of 11

Title: Syntheses, structures, and properties of two dinuclear palladium (II) complexes of a single macrocyclic hexaaza ligand with two hydroxyethyl pendants

Author(s): Yang, GS (Yang, GS); Tang, HW (Tang, HW); Li, YZ (Li, YZ); Hong, J (Hong, J); Guo, ZJ (Guo, ZJ); Zhu, LG (Zhu, LG)

Source: INORGANIC CHEMISTRY COMMUNICATIONS Volume: 8 Issue: 9 Pages: 862-865 DOI: 10.1016/j.inoche.2005.06.022 Published: SEP 2005

Record 7 of 11

Title: Synergic effect of two metal centers in catalytic hydrolysis of methionine-containing peptides promoted by dinuclear palladium(II) hexaazacyclooctadecane complex

Author(s): Yang, GS (Yang, GS); Miao, R (Miao, R); Li, YZ (Li, YZ); Hong, J (Hong, J); Zhao, CM (Zhao, CM); Guo, ZJ (Guo, ZJ); Zhu, LG (Zhu, LG)

Source: DALTON TRANSACTIONS Issue: 9 Pages: 1613-1619 DOI: 10.1039/b500210a Published: 2005

Record 8 of 11

Title: Palladium(II) complex as a sequence-specific peptidase: Hydrolytic cleavage under mild conditions of X-Pro peptide bonds in X-Pro-Met and X-Pro-His segments

Author(s): Milovic, NM (Milovic, NM); Kostic, NM (Kostic, NM)

Source: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY Volume: 125 Issue: 3 Pages: 781-788 DOI: 10.1021/ja027408b Published: JAN 22 2003

Record 9 of 11

Title: Nanoscale particle arrays induced by highly ordered protein assemblies

Author(s): Behrens, S (Behrens, S); Rahn, K (Rahn, K); Habicht, W (Habicht, W); Bohm, KJ (Bohm, KJ); Rosner, H (Rosner, H); Dinjus, E (Dinjus, E); Unger, E (Unger, E)

Source: ADVANCED MATERIALS Volume: 14 Issue: 22 Pages: 1621-1625 DOI: 10.1002/1521-4095(20021118)14:22<1621::AID-ADMA1621>3.0.CO;2-D Published: NOV 18 2002

Record 10 of 11

Title: Palladium(II) complexes, as synthetic peptidases, regioselectively cleave the second peptide bond "upstream" from methionine and histidine side chains

Author(s): Milovic, NM (Milovic, NM); Kostic, NM (Kostic, NM)

Source: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY Volume: 124 Issue: 17 Pages: 4759-4769 DOI: 10.1021/ja012366x Published: MAY 1 2002

Record 11 of 11

Title: Comparison of energy-minimized structures of [Pd-II(mida)] complexes of peptide sequences used in immobilized metal ion affinity chromatography protein separations

Author(s): Ward, MS (Ward, MS); Shepherd, RE (Shepherd, RE)

Source: INORGANICA CHIMICA ACTA Volume: 311 Issue: 1-2 Pages: 57-68 DOI: 10.1016/S0020-1693(00)00312-1 Published: DEC 22 2000

Petrovic Biljana V., 1999, Metal-Based Drugs, V6, P355, DOI 10.1155/MBD.1999.355

Record 1 of 18

Title: Understanding the electronic and pi-conjugation roles of quinoline on ligand substitution reactions of platinum(II) complexes

Author(s): Kinunda, G (Kinunda, Grace); Jaganyi, D (Jaganyi, Deogratius)

Source: TRANSITION METAL CHEMISTRY Volume: 39 Issue: 4 Pages: 451-459 DOI: 10.1007/s11243-014-9819-8 Published: MAY 2014

Record 2 of 18

Title: Substitution of aqua ligands from alkyldiamine-bridged dinuclear Pt(II) complexes using azole nucleophiles

Author(s): Enos, G (Enos, Gerald); Mambanda, A (Mambanda, Allen); Jaganyi, D (Jaganyi, Deogratius)

Source: JOURNAL OF COORDINATION CHEMISTRY Volume: 66 Issue: 24 Pages: 4280-4291

DOI: 10.1080/00958972.2013.867026 Published: DEC 20 2013

Record 3 of 18

Title: Role of pi-Acceptor Effects in Controlling the Lability of Novel Monofunctional Pt(II) and Pd(II) Complexes: Crystal Structure of [Pt(tripyrindimethane)Cl]Cl

Author(s): Petrovic, B (Petrovic, Biljana); Bugarcic, ZD (Bugarcic, Zivadin D.); Dees, A (Dees, Anne); Ivanovic-Burmazovic, I (Ivanovic-Burmazovic, Ivana); Heinemann, FW (Heinemann, Frank W.); Puchta, R (Puchta, Ralph); Steinmann, SN (Steinmann, Stephan N.); Corminboeuf, C (Corminboeuf, Clemence); van Eldik, R (van Eldik, Rudi)

Source: INORGANIC CHEMISTRY Volume: 51 Issue: 3 Pages: 1516-1529 DOI:

10.1021/ic201807a Published: FEB 6 2012

Record 4 of 18

Title: Mechanistic studies on the reactions of platinum(II) complexes with nitrogen- and sulfur-donor biomolecules

Author(s): Bugarcic, ZD (Bugarcic, Zivadin D.); Bogojeski, J (Bogojeski, Jovana); Petrovic, B (Petrovic, Biljana); Hochreuther, S (Hochreuther, Stephanie); van Eldik, R (van Eldik, Rudi)

Source: DALTON TRANSACTIONS Volume: 41 Issue: 40 Pages: 12329-12345 DOI:

10.1039/c2dt31045g Published: 2012

Record 5 of 18

Title: Understanding the role of the flexible bridging linker through kinetics and mechanistic study of Pt(II) amphiphiles derived from a bis(2-pyridylmethyl)amine chelate head group

Author(s): Mambanda, A (Mambanda, Allen); Jaganyi, D (Jaganyi, Deogratius)

Source: DALTON TRANSACTIONS Volume: 40 Issue: 1 Pages: 79-91 DOI: 10.1039/c0dt00727g

Published: 2011

Record 6 of 18

Title: Platinum complexes of terpyridine: Synthesis, structure and reactivity

Author(s): Cummings, SD (Cummings, Scott D.)

Source: COORDINATION CHEMISTRY REVIEWS Volume: 253 Issue: 3-4 Pages: 449-478 DOI:

10.1016/j.ccr.2008.04.013 Published: FEB 2009

Record 7 of 18

Title: Kinetic and Mechanistic Investigation into the influence of Chelate Substituents on the Substitution Reactions of Platinum(II) Terpyridine Complexes

Author(s): Jaganyi, D (Jaganyi, Deogratius); De Boer, KL (De Boer, Kristy-Lyn); Gertenbach, J (Gertenbach, Jan); Perils, J (Perils, Joanne)

Source: INTERNATIONAL JOURNAL OF CHEMICAL KINETICS Volume: 40 Issue: 12 Pages: 808-818 DOI: 10.1002/kin.20338 Published: DEC 2008

Record 8 of 18

Title: Kinetics and mechanism of the complex formation of [Pd(NNN)Cl](+) with pyridines in methanol: synthesis and crystal structure of [Pd(terpy)(py)](ClO₄)(2)

Author(s): Bugarcic, ZD (Bugarcic, ZD); Petrovic, B (Petrovic, B); Zangrando, E (Zangrando, E)

Source: INORGANICA CHIMICA ACTA Volume: 357 Issue: 9 Pages: 2650-2656 DOI:

10.1016/j.ica.2004.02.015 Published: JUL 5 2004

Record 9 of 18

Title: Rate and equilibrium data for substitution reactions of [Pd(dien)Cl](+) with L-cysteine and glutathione in aqueous solution

Author(s): Bugarcic, ZD (Bugarcic, ZD); Jancic, DM (Jancic, DM); Shoukry, AA (Shoukry, AA); Shoukry, MM (Shoukry, MM)

Source: MONATSCHE FÜR CHEMIE Volume: 135 Issue: 2 Pages: 151-160 DOI: 10.1007/s00706-003-0091-4 Published: FEB 2004

Record 10 of 18

Title: Substitution reactions of [Pt(terpy)X](2+) with some biologically relevant ligands. Synthesis and crystal structure of [Pt(terpy)(cyst-S)](ClO₄)(2 center dot 0.5H₂O) and [Pt(terpy)(guo-N-7)](ClO₄)(2 center dot 0.5guo center dot 1.5H₂O)

Author(s): Bugarcic, ZD (Bugarcic, ZD); Heinemann, FW (Heinemann, FW); van Eldik, R (van Eldik, R)

Source: DALTON TRANSACTIONS Issue: 2 Pages: 279-286 DOI: 10.1039/b311056g Published: 2004

Record 11 of 18

Title: Equilibrium, kinetic and HPLC study of the reactions between platinum(II) complexes and DNA constituents in the presence and absence of glutathione

Author(s): Bugarcic, ZD (Bugarcic, ZD); Soldatovic, T (Soldatovic, T); Jelic, R (Jelic, R); Alguero, B (Alguero, B); Grandas, A (Grandas, A)

Source: DALTON TRANSACTIONS Issue: 22 Pages: 3869-3877 DOI: 10.1039/b411168k Published: 2004

Record 12 of 18

Title: Substitution of [Pt(terpy)H₂O](2+) and [Pt(bpma)H₂O](2+) with thiols in acidic aqueous solution. terpy=2,2':6'2"-terpyridine; bpma = bis(2-pyridylmethyl)amine

Author(s): Jaganyi, D (Jaganyi, D); Tiba, F (Tiba, F)

Source: TRANSITION METAL CHEMISTRY Volume: 28 Issue: 7 Pages: 803-807 DOI: 10.1023/A:1026010514919 Published: OCT 2003

Record 13 of 18

Title: Influence of sodium dodecyl sulfate on the kinetics of complex formation between [PdCl(dien)](+) and sulfur containing ligands L-cysteine and glutathione

Author(s): Vasic, V (Vasic, V); Cakar, M (Cakar, M); Savic, J (Savic, J); Petrovic, B (Petrovic, B); Nedeljkovic, J (Nedeljkovic, J); Bugarcic, I (Bugarcic, I)

Source: POLYHEDRON Volume: 22 Issue: 2 Pages: 279-285 Article Number: DOI: 10.1016/S0277-5387(02)01307-4 Published: JAN 15 2003

Record 14 of 18

Title: Five-coordinate aminophosphine platinum(II) complexes containing cysteine derivatives as ligands

Author(s): Garcia-Seijo, MI (Garcia-Seijo, MI); Habtemariam, A (Habtemariam, A); Murdoch, PD (Murdoch, PD); Gould, RO (Gould, RO); Garcia-Fernandez, ME (Garcia-Fernandez, ME)

Source: INORGANICA CHIMICA ACTA Volume: 335 Pages: 52-60 Article Number: DOI: 10.1016/S0020-1693(02)00813-7 Published: JUN 27 2002

Record 15 of 18

Title: Kinetics and mechanism of the reaction of chelated Pd(II) complexes with thiols in acidic aqueous solution. Synthesis and crystal structure of [Pd(bpma)Cl]Cl center dot H₂O (bpma = bis(2-pyridylmethyl)amine)

Author(s): Bugarcic, ZD (Bugarcic, ZD); Liehr, G (Liehr, G); van Eldik, R (van Eldik, R)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 6 Pages: 951-956 DOI: 10.1039/b106038b Published: 2002

Record 16 of 18

Title: Kinetics and mechanism of the reactions of [Pt(terpy)H₂O](2+) with thiols in acidic aqueous solution. Synthesis and crystal structure of [Pt(terpy)(tu)](ClO₄)(2) (tu = thiourea)

Author(s): Bugarcic, ZD (Bugarcic, ZD); Liehr, G (Liehr, G); van Eldik, R (van Eldik, R)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 14 Pages: 2825-2830 DOI: 10.1039/b201930m Published: 2002

Record 17 of 18

Title: Reactivity of a cationic square-planar palladium(II) chloro complex containing bis[2-(diphenylphosphino)ethyl]amine: chloro substitutions by anionic ligands and formation of neutral digold(I) compounds possessing linear PAuX fragments. The X-Ray crystal structure of Au-2[Ph₂P(CH₂)(2)N(NO)(CH₂)(2)PPh₂]Cl-2

Author(s): Garcia-Seijo, MI (Garcia-Seijo, MI); Habtemariam, A (Habtemariam, A); Parsons, S (Parsons, S); Gould, RO (Gould, RO); Garcia-Fernandez, ME (Garcia-Fernandez, ME)

Source: NEW JOURNAL OF CHEMISTRY Volume: 26 Issue: 5 Pages: 636-644 DOI: 10.1039/b109675n Published: 2002

Record 18 of 18

Title: Synthesis and reactivity of [PdCl(terpy)]Cl

Author(s): Karkalic, R (Karkalic, R); Bugarcic, ZD (Bugarcic, ZD)

Source: MONATSHFTE FUR CHEMIE Volume: 131 Issue: 8 Pages: 819-824 DOI: 10.1007/s007060070059 Published: AUG 2000

Best Sabine L., 1999, Metal-Based Drugs, V6, P261, DOI 10.1155/MBD.1999.261

Record 1 of 6

Title: Synthesis and Properties of the First [Au(dien)(N-heterocycle)](3+) Compounds

Author(s): Spell, SR (Spell, Sarah R.); Farrell, NP (Farrell, Nicholas P.)

Source: INORGANIC CHEMISTRY Volume: 53 Issue: 1 Pages: 30-32 DOI: 10.1021/ic402772j Published: JAN 6 2014

Record 2 of 6

Title: NMR and kinetic studies of the interactions of [Au(cis-DACH)Cl-2]Cl and [Au(cis-DACH)(2)]Cl-3 with potassium cyanide in aqueous solution

Author(s): Seliman, AAA (Seliman, Adam A. A.); Altaf, M (Altaf, Muhammad); Kawde, AN (Kawde, Abdel-Nasser); Wazeer, MIM (Wazeer, Mohammed I. M.); Isab, AA (Isab, Anvarhusein A.)

Source: JOURNAL OF COORDINATION CHEMISTRY Volume: 67 Issue: 21 Pages: 3431-3443 DOI: 10.1080/00958972.2014.971020 Published: 2014

Record 3 of 6

Title: Substitution versus redox reactions of gold(III) complexes with L-cysteine, L-methionine and glutathione

Author(s): Durovic, MD (Durovic, Mirjana D.); Bugarcic, ZD (Bugarcic, Zivadin D.); Heinemann, FW (Heinemann, Frank W.); van Eldik, R (van Eldik, Rudi)

Source: DALTON TRANSACTIONS Volume: 43 Issue: 10 Pages: 3911-3921 DOI: 10.1039/c3dt53140f Published: 2014

Record 4 of 6

Title: C-13 NMR characterization of the organic constituents in ligand-modified hexagonal mesoporous silicas: Media for the synthesis of small, uniform-size gold nanoparticles

Author(s): Hagaman, EW (Hagaman, EW); Zhu, HG (Zhu, HG); Overbury, SH (Overbury, SH); Dai, S (Dai, S)

Source: LANGMUIR Volume: 20 Issue: 22 Pages: 9577-9584 DOI: 10.1021/la0304161 Published: OCT 26 2004

Record 5 of 6

Title: Au(2)trien: a dinuclear gold(III) complex with unprecedented structural features

Author(s): Messori, L (Messori, L); Abbate, F (Abbate, F); Orioli, P (Orioli, P); Tempi, C (Tempi, C); Marcon, G (Marcon, G)

Source: CHEMICAL COMMUNICATIONS Issue: 6 Pages: 612-613 DOI: 10.1039/b111395j Published: 2002

Record 6 of 6

Title: Cytotoxicity, DNA damage, and cell cycle perturbations induced by two representative gold(III) complexes in human leukemic cells with different cisplatin sensitivity

Author(s): Coronello, M (Coronello, M); Marcon, G (Marcon, G); Carotti, S (Carotti, S); Caciagli, B (Caciagli, B); Mini, E (Mini, E); Mazzei, T (Mazzei, T); Orioli, P (Orioli, P); Messori, L (Messori, L)

Source: ONCOLOGY RESEARCH Volume: 12 Issue: 9-10 Pages: 361-370 Published: 2001

Djuran MI, 2000, POLYHEDRON, V19, P959, DOI 10.1016/S0277-5387(00)00342-9

Record 1 of 17

Title: Use of diethanolammonium-tetrachloridopalladate(II) complex in bioorganic modelling as artificial metalloproteinase in the reaction with N-acetylated L-methionylglycine dipeptide. NMR and DFT study of the hydrolytic reaction

Author(s): Petrovic, VP (Petrovic, Vladimir P.); Simijonovic, D (Simijonovic, Dusica); Petrovic, ZD (Petrovic, Zorica D.)

Source: JOURNAL OF MOLECULAR STRUCTURE Volume: 1060 Pages: 38-41 DOI: 10.1016/j.molstruc.2013.12.026 Published: FEB 24 2014

Record 2 of 17

Title: Synthesis and Characterization of Molecular Hexagons and Rhomboids and Subsequent Encapsulation of Keggin-Type Polyoxometalates by Molecular Hexagons

Author(s): Uehara, K (Uehara, Kazuhiro); Oishi, T (Oishi, Takamichi); Hirose, T (Hirose, Takayuki); Mizuno, N (Mizuno, Noritaka)

Source: INORGANIC CHEMISTRY Volume: 52 Issue: 19 Pages: 11200-11209 DOI: 10.1021/ic401428v Published: OCT 7 2013

Record 3 of 17

Title: Insight into hydrolytic reaction of N-acetylated L-histidylglycine dipeptide with novel mechlorethamine platinum(II) complex. NMR and DFT study of the hydrolytic reaction

Author(s): Petrovic, ZD (Petrovic, Zorica D.); Petrovic, VP (Petrovic, Vladimir P.); Simijonovic, D (Simijonovic, Dusica); Markovic, S (Markovic, Svetlana)

Source: DALTON TRANSACTIONS Volume: 40 Issue: 36 Pages: 9284-9288 DOI: 10.1039/c1dt10593k Published: 2011

Record 4 of 17

Title: Synthetic and Computational Studies on Factors Controlling Structures of Molecular Triangles and Squares and Their Equilibrium in Solutions

Author(s): Uehara, K (Uehara, Kazuhiro); Kasai, K (Kasai, Ko); Mizuno, N (Mizuno, Noritaka)

Source: INORGANIC CHEMISTRY Volume: 49 Issue: 4 Pages: 2008-2015 DOI: 10.1021/ic100011a Published: FEB 15 2010

Record 5 of 17

Title: Cross-Reactive Sensor Arrays for the Detection of Peptides in Aqueous Solution by Fluorescence Spectroscopy

Author(s): Rochat, S (Rochat, Sebastien); Gao, J (Gao, Jie); Qian, XH (Qian, Xuhong); Zaubitzer, F (Zaubitzer, Friederike); Severin, K (Severin, Kay)

Source: CHEMISTRY-A EUROPEAN JOURNAL Volume: 16 Issue: 1 Pages: 104-113 DOI: 10.1002/chem.200902202 Published: 2010

Record 6 of 17

Title: New Pd(II)-mechlorethamine complex: Synthesis, NMR study of hydrolytic activity and in vitro evaluation of antiradical property of new complex and its alkylating precursor

Author(s): Petrovic, ZD (Petrovic, Zorica D.); Hadjipavlou-Litina, D (Hadjipavlou-Litina, Dimitra); Petrovic, VP (Petrovic, Vladimir P.)

Source: JOURNAL OF MOLECULAR LIQUIDS Volume: 144 Issue: 1-2 Pages: 55-58 DOI: 10.1016/j.molliq.2008.09.003 Published: JAN 10 2009

Record 7 of 17

Title: Site-specific hydrolytic cleavage of oxidized insulin B chain with Zn(II) ion studied by electrospray ionization mass spectrometry and MS/MS mass spectrometry

Author(s): Jiang, J (Jiang Jiang); Mei, YH (Mei Yu-Hua); Wang, WJ (Wang Wen-Ji); Wu, QJ (Wu Qiong-Jie); Zhu, LG (Zhu Long-Gen)

Source: CHINESE JOURNAL OF INORGANIC CHEMISTRY Volume: 23 Issue: 6 Pages: 948-956 Published: JUN 2007

Record 8 of 17

Title: Syntheses and characterizations of palladium-based molecular triangle/square compounds and hybrid composites with polyoxometalates

Author(s): Uehara, K (Uehara, Kazuhiro); Kasai, K (Kasai, Ko); Mizuno, N (Mizuno, Noritaka)

Source: INORGANIC CHEMISTRY Volume: 46 Issue: 7 Pages: 2563-2570 DOI: 10.1021/ic062156r Published: APR 2 2007

Record 9 of 17

Title: Mass Spectrometry assisted assignments of fragments of myoglobin cleaved by copper(II) complex with tripodal polyamimine bearing an hydroxyethyl pendant

Author(s): Jiang, J (Jiang Jiang); Zhao, CM (Zhao Chun-Mei); Hong, J (Hong Jin); Tang, HW (Tang Hui-Wei); Zhu, LG (Zhu Long-Gen)

Source: CHINESE JOURNAL OF INORGANIC CHEMISTRY Volume: 23 Issue: 2 Pages: 243-252 Published: FEB 2007

Record 10 of 17

Title: Reactivity of ligands

Author(s): Kukushkin, VY (Kukushkin, V. Yu.); Bokach, NA (Bokach, N. A.)

Source: RUSSIAN JOURNAL OF GENERAL CHEMISTRY Volume: 77 Issue: 2 Pages: 194-205

DOI: 10.1134/S107036320702003X Published: FEB 2007

Record 11 of 17

Title: 2D-grid layered Pd-based cationic infinite coordination polymer/polyoxometalate crystal with hydrophilic sorption

Author(s): Uehara, K (Uehara, Kazuhiro); Nakao, H (Nakao, Hideaki); Kawamoto, R (Kawamoto, Ryosuke); Hikichi, S (Hikichi, Shiro); Mizuno, N (Mizuno, Noritaka)

Source: INORGANIC CHEMISTRY Volume: 45 Issue: 23 Pages: 9448-9453 DOI:

10.1021/ic061393r Published: NOV 13 2006

Record 12 of 17

Title: Palladium-neocuproine catalyzed aerobic oxidation of alcohols in aqueous solvents

Author(s): Arends, IWCE (Arends, IWCE); ten Brink, GJ (ten Brink, GJ); Sheldon, RA (Sheldon, RA)

Source: JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL Volume: 251 Issue: 1-2 Special

Issue: SI Pages: 246-254 DOI: 10.1016/j.molcata.2006.02.001 Published: MAY 17 2006

Conference Title: 9th International Symposium on Activation of Dioxygen and Homogeneous Catalytic Oxidation

Conference Date: JUL 25-29, 2005

Conference Location: Cologne, GERMANY

Conference Host: Univ Cologne

Record 13 of 17

Title: Aqua palladium complexes: synthesis, properties and applications

Author(s): Vicente, J (Vicente, J); Arcas, A (Arcas, A)

Source: COORDINATION CHEMISTRY REVIEWS Volume: 249 Issue: 11-12 Pages: 1135-1154

DOI: 10.1016/j.ccr.2004.11.005 Published: JUN 2005

Record 14 of 17

Title: Synergic effect of two metal centers in catalytic hydrolysis of methionine-containing peptides promoted by dinuclear palladium(II) hexaazacyclooctadecane complex

Author(s): Yang, GS (Yang, GS); Miao, R (Miao, R); Li, YZ (Li, YZ); Hong, J (Hong, J); Zhao, CM (Zhao, CM); Guo, ZJ (Guo, ZJ); Zhu, LG (Zhu, LG)

Source: DALTON TRANSACTIONS Issue: 9 Pages: 1613-1619 DOI: 10.1039/b500210a Published: 2005

Record 15 of 17

Title: Catalytic conversions in water. Part 23: Steric effects and increased substrate scope in the palladium-neocuproine catalyzed aerobic oxidation of alcohols in aqueous solvents

Author(s): ten Brink, GJ (ten Brink, GJ); Arends, IWCE (Arends, IWCE); Hoogenraad, M (Hoogenraad, M); Verspui, G (Verspui, G); Sheldon, RA (Sheldon, RA)

Source: ADVANCED SYNTHESIS & CATALYSIS Volume: 345 Issue: 12 Pages: 1341-1352 DOI: 10.1002/adsc.200303134 Published: DEC 2003

Record 16 of 17

Title: Gas-phase investigation of Pd(II)-alanine complexes with small native and derivatized peptides containing histidine

Author(s): Anbalagan, V (Anbalagan, V); Van Stipdonk, MJ (Van Stipdonk, MJ)

Source: JOURNAL OF MASS SPECTROMETRY Volume: 38 Issue: 9 Pages: 982-989 DOI:

10.1002/jms.512 Published: SEP 2003

Record 17 of 17

Title: Ligand substitution reactions

Author(s): Burgess, J (Burgess, J); Hubbard, CD (Hubbard, CD)

Edited by: VanEldik R; Hubbard CD

Source: ADVANCES IN INORGANIC CHEMISTRY: INCLUDING BIOINORGANIC STUDIES, VOL 54: INORGANIC REACTION MECHANISMS Book Series: Advances in Inorganic Chemistry Volume: 54

Pages: 71-155 DOI: 10.1016/S0898-8838(03)54002-8 Published: 2003

Djuran MI, 2000, AUST J CHEM, V53, P645, DOI 10.1071/CH00065

Record 1 of 4

Title: Metal-based antitumour drugs in the post-genomic era: what comes next?

Author(s): Sava, G (Sava, Gianni); Bergamo, A (Bergamo, Alberta); Dyson, PJ (Dyson, Paul J.)

Source: DALTON TRANSACTIONS Volume: 40 Issue: 36 Pages: 9069-9075 DOI:

10.1039/c1dt10522a Published: 2011

Record 2 of 4

Title: Platinum-nitrogen bond rearrangements in isomeric cis-Pt-II(NH₃)(2)-bis(9-methyladenine) complexes under alkaline conditions

Author(s): Arpalahti, J (Arpalahti, J); Klika, KD (Klika, KD)

Source: EUROPEAN JOURNAL OF INORGANIC CHEMISTRY Issue: 23 Pages: 4195-4201 DOI:

10.1002/ejic.200300365 Published: DEC 5 2003

Record 3 of 4

Title: Thermodynamic, kinetic and structural studies on the mixed ligand complexes of palladium(II) with tridentate and monodentate ligands

Author(s): Nagy, Z (Nagy, Z); Fabian, I (Fabian, I); Benyei, A (Benyei, A); Sovago, I (Sovago, I)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 94 Issue: 3 Pages: 291-299 DOI:

10.1016/S0162-0134(03)00009-6 Published: MAR 1 2003

Record 4 of 4

Title: The copper transporter CTR1 regulates cisplatin uptake in *Saccharomyces cerevisiae*

Author(s): Lin, XJ (Lin, XJ); Okuda, T (Okuda, T); Holzer, A (Holzer, A); Howell, SB (Howell, SB)

Source: MOLECULAR PHARMACOLOGY Volume: 62 Issue: 5 Pages: 1154-1159 DOI:

10.1124/mol.62.5.1154 Published: NOV 2002

Bugarcic ZD, 2001, AUST J CHEM, V54, P237, DOI 10.1071/CH01031

Record 1 of 11

Title: Kinetics of chloride substitution in [Pt(bpma)Cl](+) and [Pt(gly-met-S,N,N)Cl] complexes by thiourea, nitrites, and iodides

Author(s): Topolski, A (Topolski, Adrian); Bugarcic, Z (Bugarcic, Zivadin)

Source: CHEMICAL PAPERS Volume: 68 Issue: 1 Pages: 130-135 DOI: 10.2478/s11696-013-0418-5 Published: JAN 2014

Record 2 of 11

Title: Irreversible uptake of palladium from aqueous systems using L-cysteine methyl ester physisorbed on carbon black

Author(s): Panchompoo, J (Panchompoo, Janjira); Aldous, L (Aldous, Leigh); Compton, RG (Compton, Richard G.)

Source: JOURNAL OF MATERIALS CHEMISTRY Volume: 21 Issue: 26 Pages: 9513-9522 DOI:

10.1039/c0jm04493h Published: 2011

Record 3 of 11

Title: Kinetics and mechanism of the substitution reactions of [PtCl(bpma)](+), [PtCl(gly-met-S,N,N)] and their aqua analogues with L-methionine, glutathione and 5'-GMP

Author(s): Bugarcic, ZD (Bugarcic, Zivadin D.); Rosic, J (Rosic, Jovana); Petrovic, B (Petrovic, Biljana); Summa, N (Summa, Nadine); Puchta, R (Puchta, Raph); Van Eldik, R (Van Eldik, Rudi)

Source: JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY Volume: 12 Issue: 8 Pages: 1141-1150 DOI: 10.1007/s00775-007-0283-1 Published: NOV 2007

Record 4 of 11

Title: Prevention and recovery of (mu(3)-diethylentriamino)-chloro-palladium(II)-chloride induced inhibition of Na/K-ATPase by SH containing ligands - L-cysteine and glutathione

Author(s): Krinulovic, K (Krinulovic, Katarina); Bugarcic, Z (Bugarcic, Zivadin); Vrvic, M (Vrvic, Miroslav); Krstic, D (Krstic, Danijela); Vasic, V (Vasic, Vesna)

Source: TOXICOLOGY IN VITRO Volume: 20 Issue: 8 Pages: 1292-1299 DOI: 10.1016/j.tiv.2006.03.002 Published: DEC 2006

Record 5 of 11

Title: Synthesis and reaction kinetics of Pd(1,5-cyclooctadiene)Cl₂ with N,N'-methylene-bis(2-aminopyridyl): An efficient catalyst for Suzuki-cross-coupling reactions

Author(s): Mohanty, S (Mohanty, S); Punji, B (Punji, B); Balakrishna, MS (Balakrishna, MS)

Source: POLYHEDRON Volume: 25 Issue: 3 Pages: 815-820 DOI: 10.1016/j.poly.2005.08.013 Published: FEB 13 2006

Record 6 of 11

Title: Kinetic and mechanistic study on the reactions of [Pd(dien)H₂O](2+) and [Pt(dien)H₂O](2+) with L-cysteine and S-methyl-L-cysteine

Author(s): Petrovic, BV (Petrovic, BV); Bugarcic, ZD (Bugarcic, ZD)

Source: AUSTRALIAN JOURNAL OF CHEMISTRY Volume: 58 Issue: 7 Pages: 544-550 DOI: 10.1071/CH05033 Published: 2005

Record 7 of 11

Title: Rate and equilibrium data for substitution reactions of [Pd(dien)Cl](+) with L-cysteine and glutathione in aqueous solution

Author(s): Bugarcic, ZD (Bugarcic, ZD); Jancic, DM (Jancic, DM); Shoukry, AA (Shoukry, AA); Shoukry, MM (Shoukry, MM)

Source: MONATSHFTE FUR CHEMIE Volume: 135 Issue: 2 Pages: 151-160 DOI: 10.1007/s00706-003-0091-4 Published: FEB 2004

Record 8 of 11

Title: Substitution of [Pt(terpy)H₂O](2+) and [Pt(bpma)H₂O](2+) with thiols in acidic aqueous solution. terpy=2,2':6'2"-terpyridine; bpma = bis(2-pyridylmethyl)amine

Author(s): Jaganyi, D (Jaganyi, D); Tiba, F (Tiba, F)

Source: TRANSITION METAL CHEMISTRY Volume: 28 Issue: 7 Pages: 803-807 DOI: 10.1023/A:1026010514919 Published: OCT 2003

Record 9 of 11

Title: Influence of sodium dodecyl sulfate on the kinetics of complex formation between [PdCl(dien)](+) and sulfur containing ligands L-cysteine and glutathione

Author(s): Vasic, V (Vasic, V); Cakar, M (Cakar, M); Savic, J (Savic, J); Petrovic, B (Petrovic, B); Nedeljkovic, J (Nedeljkovic, J); Bugarcic, I (Bugarcic, I)

Source: POLYHEDRON Volume: 22 Issue: 2 Pages: 279-285 Article Number: DOI: 10.1016/S0277-5387(02)01307-4 Published: JAN 15 2003

Record 10 of 11

Title: Ligand substitution reactions

Author(s): Burgess, J (Burgess, J); Hubbard, CD (Hubbard, CD)

Edited by: VanEldik R; Hubbard CD

Source: ADVANCES IN INORGANIC CHEMISTRY: INCLUDING BIOINORGANIC STUDIES, VOL 54: INORGANIC REACTION MECHANISMS Book Series: Advances in Inorganic Chemistry Volume: 54

Pages: 71-155 DOI: 10.1016/S0898-8838(03)54002-8 Published: 2003

Record 11 of 11

Title: Kinetics and mechanism of the reactions of [Pt(terpy)H₂O](2+) with thiols in acidic aqueous solution. Synthesis and crystal structure of [Pt(terpy)(tu)](ClO₄)(2) (tu = thiourea)

Author(s): Bugarcic, ZD (Bugarcic, ZD); Liehr, G (Liehr, G); van Eldik, R (van Eldik, R)

Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 14 Pages: 2825-2830 DOI: 10.1039/b201930m Published: 2002

Djuran MI, 2002, TRANSIT METAL CHEM, V27, P155, DOI 10.1023/A:1013965520783
DURAN MI, 2002, TRANSIT METAL CHEM, V27, P155

Record 1 of 8

Title: Platinum-nucleobase PtN₄ complexes as chemotypes for selective peptide reactions with biomolecules

Author(s): de Paula, QA (de Paula, Queite A.); Tsotsoros, SD (Tsotsoros, Samantha D.); Qu, Y (Qu, Yun); Bayse, CA (Bayse, Craig A.); Farrell, NP (Farrell, Nicholas P.)

Source: INORGANICA CHIMICA ACTA Volume: 393 Pages: 222-229 DOI: 10.1016/j.ica.2012.07.014 Published: DEC 1 2012

Record 2 of 8

Title: Insight into hydrolytic reaction of N-acetylated L-histidylglycine dipeptide with novel mechlorethamine platinum(II) complex. NMR and DFT study of the hydrolytic reaction

Author(s): Petrovic, ZD (Petrovic, Zorica D.); Petrovic, VP (Petrovic, Vladimir P.); Simijonovic, D (Simijonovic, Dusica); Markovic, S (Markovic, Svetlana)

Source: DALTON TRANSACTIONS Volume: 40 Issue: 36 Pages: 9284-9288 DOI: 10.1039/c1dt10593k Published: 2011

Record 3 of 8

Title: Coordination of platinum therapeutic agents to met-rich motifs of human copper transport protein1

Author(s): Crider, SE (Crider, Sarah E.); Holbrook, RJ (Holbrook, Robert J.); Franz, KJ (Franz, Katherine J.)

Source: METALLOMICS Volume: 2 Issue: 1 Pages: 74-83 DOI: 10.1039/b916899k Published: 2010

Record 4 of 8

Title: Interaction of the [PtCl₂(DMSO)₂] Complex with L-Cysteine

Author(s): Vasic, D (Vasic, Dragana); Savic, J (Savic, Jasmina); Bugaricic, Z (Bugaricic, Zivadin); Krstic, D (Krstic, Danijela); Tomic, N (Tomic, Nenad); Colovic, M (Colovic, Mirjana); Petkovic, M (Petkovic, Marijana); Vasic, V (Vasic, Vesna)

Source: ZEITSCHRIFT FUR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES Volume: 64 Issue: 1-2 Pages: 103-108 Published: JAN-FEB 2009

Record 5 of 8

Title: The Role of Sulfur in Platinum Anticancer Chemotherapy

Author(s): Wang, XY (Wang, Xiaoyong); Guo, ZJ (Guo, Zijian)

Source: ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY Volume: 7 Issue: 1 Pages: 19-34

DOI: 10.2174/187152007779314062 Published: JAN 2007

Record 6 of 8

Title: Prevention and recovery of (mu(3)-diethylenetriamino)-chloro-palladium(II)-chloride induced inhibition of Na/K-ATPase by SH containing ligands - L-cysteine and glutathione

Author(s): Krinulovic, K (Krinulovic, Katarina); Bugarcic, Z (Bugarcic, Zivadin); Vrvic, M (Vrvic, Miroslav); Krstic, D (Krstic, Danijela); Vasic, V (Vasic, Vesna)

Source: TOXICOLOGY IN VITRO Volume: 20 Issue: 8 Pages: 1292-1299 DOI:

10.1016/j.tiv.2006.03.002 Published: DEC 2006

Record 7 of 8

Title: The neglected Pt-N(sulfonamido) bond in Pt chemistry. New fluorophore-containing Pt(II) complexes useful for assessing Pt(II) interactions with biomolecules

Author(s): Christoforou, AM (Christoforou, Anna Maria); Marzilli, PA (Marzilli, Patricia A.); Marzilli, LG (Marzilli, Luigi G.)

Source: INORGANIC CHEMISTRY Volume: 45 Issue: 17 Pages: 6771-6781 DOI:

10.1021/ic0606375 Published: AUG 21 2006

Record 8 of 8

Title: Interaction of some pd(II) complexes with Na⁺/K⁺-ATPase: Inhibition, kinetics, prevention and recovery

Author(s): Krinulovic, KS (Krinulovic, Katarina S.); Vasic, VM (Vasic, Vesna M.)

Source: JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY Volume: 21 Issue: 4 Pages: 459-465 DOI: 10.1080/14756360600628510 Published: AUG 2006

Djuran MI, 2002, J INORG BIOCHEM, V88, P268, DOI 10.1016/S0162-0134(01)00351-8

Record 1 of 11

Title: The supramolecular chemistry of organoplatinum complexes containing amide or alcohol functional groups

Author(s): Abo-Amer, A (Abo-Amer, Anwar); Boyle, PD (Boyle, Paul D.); Puddephatt, RJ (Puddephatt, Richard J.)

Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY Volume: 770 Pages: 79-84 DOI:

10.1016/j.jorgchem.2014.08.006 Published: NOV 1 2014

Record 2 of 11

Title: Supramolecular Chemistry of Organoplatinum(IV) Complexes Bearing Ligands with Remote Carboxylic Acid Substituents

Author(s): Abo-Amer, A (Abo-Amer, Anwar); Puddephatt, RJ (Puddephatt, Richard J.)

Source: JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS Volume: 24 Issue: 1 Pages: 114-120 DOI: 10.1007/s10904-013-9959-x Published: JAN 2014

Record 3 of 11

Title: Chirality delivery through multiple and helical H-bonding from chiral coordination complex to its supramolecular architecture

Author(s): Zheng, CY (Zheng, Chun-Ying); Li, H (Li, Hui)

Source: INORGANIC CHEMISTRY COMMUNICATIONS Volume: 34 Pages: 30-33 DOI:

10.1016/j.inoche.2013.04.038 Published: AUG 2013

Record 4 of 11

Title: Thermodynamic and kinetic behaviour of [Pt(2-methylthiomethylpyridine)(OH₂)(2)](2+)

Author(s): Hochreuther, S (Hochreuther, Stephanie); Nandibewoor, ST (Nandibewoor, Sharanappa T.); Puchta, R (Puchta, Ralph); van Eldik, R (van Eldik, Rudi)

Source: DALTON TRANSACTIONS Volume: 41 Issue: 2 Pages: 512-522 DOI: 10.1039/c1dt11453k

Published: 2012

Record 5 of 11

Title: Novel Dinuclear Platinum(II) Complexes Containing Mixed Nitrogen-Sulfur Donor Ligands

Author(s): Hochreuther, S (Hochreuther, Stephanie); Puchta, R (Puchta, Ralph); van Eldik, R (van Eldik, Rudi)

Source: INORGANIC CHEMISTRY Volume: 50 Issue: 24 Pages: 12747-12761 DOI:

10.1021/ic2018902 Published: DEC 19 2011

Record 6 of 11

Title: Chirality delivery from a chiral copper(II) nucleotide complex molecule to its supramolecular architecture

Author(s): Zhou, P (Zhou, Pei); Li, H (Li, Hui)

Source: DALTON TRANSACTIONS Volume: 40 Issue: 18 Pages: 4834-4837 DOI:

10.1039/c1dt10136f Published: 2011

Record 7 of 11

Title: Fluorescent Cisplatin Analogues and Cytotoxic Activity

Author(s): Rodriguez-Fernandez, E (Rodriguez-Fernandez, E.); Manzano, JL (Manzano, J. L.); Alonso, A (Alonso, A.); Almendral, MJ (Almendral, Ma. J.); Perez-Andres, M (Perez-Andres, M.); Orfao, A (Orfao, A.); Criado, JJ (Criado, J. J.)

Source: CURRENT MEDICINAL CHEMISTRY Volume: 16 Issue: 32 Pages: 4314-4327 Published: NOV 2009

Record 8 of 11

Title: Thioether complexes of palladium(II) and platinum(II) as artificial peptidases. Residue-selective peptide cleavage by a palladium(II) complex

Author(s): Stoffregen, SA (Stoffregen, SA); Griffin, AKK (Griffin, AKK); Kostic, NM (Kostic, NM)

Source: INORGANIC CHEMISTRY Volume: 44 Issue: 24 Pages: 8899-8907 DOI:

10.1021/ic0506613 Published: NOV 28 2005

Record 9 of 11

Title: Intrinsically fluorescent cytotoxic cisplatin analogues as DNA marker molecules

Author(s): Criado, JJ (Criado, JJ); Fernandez, ER (Fernandez, ER); Manzano, JL (Manzano, JL); Alonso, A (Alonso, A); Barrena, S (Barrena, S); Medarde, M (Medarde, M); Pelaez, R (Pelaez, R); Tabernero, MD (Tabernero, MD); Orfao, A (Orfao, A)

Source: BIOCONJUGATE CHEMISTRY Volume: 16 Issue: 2 Pages: 275-282 DOI:

10.1021/bc049788r Published: MAR-APR 2005

Record 10 of 11

Title: Effect of amine ligand bulk on the interaction of methionine with platinum(II) diamine complexes

Author(s): Williams, KM (Williams, KM); Rowan, C (Rowan, C); Mitchell, J (Mitchell, J)

Source: INORGANIC CHEMISTRY Volume: 43 Issue: 3 Pages: 1190-1196 DOI:

10.1021/ic035212m Published: FEB 9 2004

Record 11 of 11

Title: Binding of palladium(II) complexes to guanine, guanosine or guanosine 5'-monophosphate in aqueous solution: potentiometric and NMR studies

Author(s): Zhu, SR (Zhu, SR); Matilla, A (Matilla, A); Tercero, JM (Tercero, JM); Vijayaragavan, V (Vijayaragavan, V); Walmsley, JA (Walmsley, JA)

Source: INORGANICA CHIMICA ACTA Volume: 357 Issue: 2 Pages: 411-420 DOI: 10.1016/j.ica.2003.06.009 Published: JAN 30 2004

Rychlewska U, 2002, INORG CHIM ACTA, V328, P218, DOI 10.1016/S0020-1693(01)00727-7

Record 1 of 7

Title: Elucidation of Metal-Ion Accumulation Induced by Hydrogen Bonds on Protein Surfaces by Using Porous Lysozyme Crystals Containing Rh-III Ions as the Model Surfaces

Author(s): Ueno, T (Ueno, Takafumi); Abe, S (Abe, Satoshi); Koshiyama, T (Koshiyama, Tomomi); Ohki, T (Ohki, Takahiro); Hikage, T (Hikage, Tatsuo); Watanabe, Y (Watanabe, Yoshihito)

Source: CHEMISTRY-A EUROPEAN JOURNAL Volume: 16 Issue: 9 Pages: 2730-2740 DOI: 10.1002/chem.200903269 Published: 2010

Record 2 of 7

Title: Synthesis and DFT defined trans(O5O6) molecular structure of Cs[Fe(1,3-pddap)] center dot 2H(2)O. Strain analysis and spectral assignment of the complex

Author(s): Matovic, ZD (Matovic, Zoran D.); Vasojevic, MM (Vasojevic, Miorad M.); Cvijovic, M (Cvijovic, Milica); Curcic, S (Curcic, Svetlana); Belosevic, SK (Belosevic, Svetlana K.)

Source: MONATSHFTE FUR CHEMIE Volume: 138 Issue: 9 Pages: 823-832 DOI: 10.1007/s00706-007-0669-3 Published: SEP 2007

Record 3 of 7

Title: Structural analysis of conformational flexibility in (aqua) (propanediamine-N,N'-diacetato-N-propionato)chromium(III) dihydrate. Crystal structure of cis-polar, trans(H2O, O-5)-[Cr(1,3-pddap)(H2O)]center dot 2H(2)O

Author(s): Grubisic, S (Grubisic, Sonja); Gruden-Pavlovic, M (Gruden-Pavlovic, Maja); Niketic, SR (Niketic, Svetozar R.); Sakagami-Yoshida, N (Sakagami-Yoshida, Narumi); Kaizaki, S (Kaizaki, Sumio)

Source: JOURNAL OF COORDINATION CHEMISTRY Volume: 60 Issue: 7-9 Pages: 851-863 DOI: 10.1080/00958970600937672 Published: APR-MAY 2007

Record 4 of 7

Title: Conformational analysis of edta-type rhodium(III) complexes with mixed five- and six-membered chelate rings. Structural analysis of conformational flexibility in rhodium(III) complexes containing 1,3-propanediamine-N,N'-diacetate-N,N'-di-3-propionate ligand

Author(s): Grubisic, S (Grubisic, Sonja); Milicic, MK (Milicic, Milos K.); Radanovic, DD (Radanovic, Dusanka D.); Niketic, SR (Niketic, Svetozar R.)

Source: JOURNAL OF MOLECULAR STRUCTURE Volume: 794 Issue: 1-3 Pages: 125-132 DOI: 10.1016/j.molstruc.2006.01.044 Published: AUG 7 2006

Record 5 of 7

Title: Synthesis and characterization of complexes of cobalt(III) with pentadentate 1,2-propanediaminetetraacetic acid, 1,3-propanediaminetetraacetic acid and trans-1,2-cyclohexanediaminetetraacetic acid

Author(s): Balasubramanian, N (Balasubramanian, N); Dhayabaran, VV (Dhayabaran, VV)

Source: JOURNAL OF THE INDIAN CHEMICAL SOCIETY Volume: 83 Issue: 3 Pages: 272-275 Published: MAR 2006

Record 6 of 7

Title: Layered crystal structure of the trans(O5O6) isomer of potassium (1,3-propanediamine-N,N'-diacetato-N,N'-di-3-propionato) cobaltate(III) trihydrate, trans(O5O6)-K[Co(1,3-pddadp)] center dot 3H(2)O, stabilized by ionic, hydrogen bond and C=O dipolar interactions: Conformational analysis of Co(III) complexes with the 1,3-propanediamine-N,N'-diacetato-N,N'-di-3-propionate ligand

Author(s): Grubisic, S (Grubisic, S); Niketic, SR (Niketic, SR); Radanovic, DD (Radanovic, DD); Rychlewska, U (Rychlewska, U); Warzajtis, B (Warzajtis, B)

Source: POLYHEDRON Volume: 24 Issue: 13 Pages: 1701-1709 DOI: 10.1016/j.poly.2005.04.035

Published: SEP 15 2005

Record 7 of 7

Title: Characterization of the two geometrical isomers of (1,3-propanediamine-N,N'-diacetato-N,N'-di-3-propionato)-nickelate(II). X-ray structure of the binuclear complex trans(O-5)-[Ni-2(1,3-pddadp)(H2O)(4)]center dot 4H(2)O and octahedral distortion of edta-type chelates

Author(s): Matovic, ZD (Matovic, ZD); Ianelli, S (Ianelli, S); Pelosi, G (Pelosi, G); Janicijevic, SK (Janicijevic, SK); Ristanovic, VM (Ristanovic, VM); Ponticelli, G (Ponticelli, G); Radanovic, DJ (Radanovic, DJ)

Source: POLYHEDRON Volume: 21 Issue: 27-28 Pages: 2667-2674 Article Number: DOI: 10.1016/S0277-5387(02)01271-8 Published: DEC 15 2002

Bogdanovic Gordana, 2002, Metal-Based Drugs, V9, P33, DOI 10.1155/MBD.2002.33

Record 1 of 8

Title: Synthesis of 2-[4,5-dimethyl-1-(phenylamino)-1H-imidazol-2-ylthio]-N-(thiazole-2-yl)acetamide derivatives and their anticancer activities

Author(s): Duran, M (Duran, Murat); Demirayak, S (Demirayak, Seref)

Source: MEDICINAL CHEMISTRY RESEARCH Volume: 22 Issue: 9 Pages: 4110-4124 DOI: 10.1007/s00044-012-0411-5 Published: SEP 2013

Record 2 of 8

Title: Catalytic nanomedicine technology: copper complexes loaded on titania nanomaterials as cytotoxic agents of cancer cell

Author(s): Lopez, T (Lopez, Tessa); Ortiz-Islas, E (Ortiz-Islas, Emma); Guevara, P (Guevara, Patricia); Gomez, E (Gomez, Esteban)

Source: INTERNATIONAL JOURNAL OF NANOMEDICINE Volume: 8 Pages: 581-592 DOI: 10.2147/IJN.S37118 Published: 2013

Record 3 of 8

Title: Mechanistic studies on the reactions of platinum(II) complexes with nitrogen- and sulfur-donor biomolecules

Author(s): Bugarcic, ZD (Bugarcic, Zivadin D.); Bogojeski, J (Bogojeski, Jovana); Petrovic, B (Petrovic, Biljana); Hochreuther, S (Hochreuther, Stephanie); van Eldik, R (van Eldik, Rudi)

Source: DALTON TRANSACTIONS Volume: 41 Issue: 40 Pages: 12329-12345 DOI: 10.1039/c2dt31045g Published: 2012

Record 4 of 8

Title: Thermodynamic and kinetic behaviour of [Pt(2-methylthiomethylpyridine)(OH2)(2)](2+)

Author(s): Hochreuther, S (Hochreuther, Stephanie); Nandibewoor, ST (Nandibewoor, Sharanappa T.); Puchta, R (Puchta, Ralph); van Eldik, R (van Eldik, Rudi)

Source: DALTON TRANSACTIONS Volume: 41 Issue: 2 Pages: 512-522 DOI: 10.1039/c1dt11453k Published: 2012

Record 5 of 8

Title: Novel Dinuclear Platinum(II) Complexes Containing Mixed Nitrogen-Sulfur Donor Ligands
 Author(s): Hochreuther, S (Hochreuther, Stephanie); Puchta, R (Puchta, Ralph); van Eldik, R (van Eldik, Rudi)

Source: INORGANIC CHEMISTRY Volume: 50 Issue: 24 Pages: 12747-12761 DOI: 10.1021/ic2018902 Published: DEC 19 2011

Record 6 of 8

Title: Rosiglitazone synergizes anticancer activity of cisplatin and reduces its nephrotoxicity in 7, 12-dimethyl benz[a]anthracene (DMBA) induced breast cancer rats

Author(s): Tikoo, K (Tikoo, Kulbhushan); Kumar, P (Kumar, Parveen); Gupta, J (Gupta, Jeena)

Source: BMC CANCER Volume: 9 Article Number: 107 DOI: 10.1186/1471-2407-9-107 Published: APR 8 2009

Record 7 of 8

Title: Effects of cisplatin and other Pt(II) complexes on spontaneous motility of isolated human oviduct

Author(s): Bugarcic, ZD (Bugarcic, Zivadin D.); Petrovic, B (Petrovic, Biljana); Bugarcic, ZM (Bugarcic, Zorica M.); Jankovic, SM (Jankovic, Slobodan M.); Jankovic, SV (Jankovic, Snezana V.); Lukic, G (Lukic, Goran); Novakovic, M (Novakovic, Milan); Kostovic, V (Kostovic, Vladimir); Popovic, S (Popovic, Suzana); Djurdjevic, P (Djurdjevic, Predrag); Baskic, D (Baskic, Dejan); Arsenijevic, N (Arsenijevic, Nebojsa)

Source: TOXICOLOGY IN VITRO Volume: 22 Issue: 8 Pages: 1878-1882 DOI: 10.1016/j.tiv.2008.09.011 Published: DEC 2008

Record 8 of 8

Title: Preclinical and Clinical Studies on the Use of Platinum Complexes for Breast Cancer Treatment

Author(s): Ott, I (Ott, Ingo); Gust, R (Gust, Ronald)

Source: ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY Volume: 7 Issue: 1 Pages: 95-110 DOI: 10.2174/187152007779314071 Published: JAN 2007

Radanovic DD, 2003, POLYHEDRON, V22, P2745, DOI 10.1016/S0277-5387(03)00375-9

Record 1 of 12

Title: Acidic 1,3-propanediaminetetraacetato lanthanides with luminescent and catalytic ester hydrolysis properties

Author(s): Chen, ML (Chen, Mao-Long); Shi, YR (Shi, Yan-Ru); Yang, YC (Yang, Yu-Chen); Zhou, ZH (Zhou, Zhao-Hui)

Source: JOURNAL OF SOLID STATE CHEMISTRY Volume: 219 Pages: 265-273 DOI: 10.1016/j.jssc.2014.07.037 Published: NOV 2014

Record 2 of 12

Title: Syntheses and catalytic oxidation of tetrameric and polymeric copper(II) 1,3-propanediaminetetraacetates

Author(s): Chen, ML (Chen, Mao-Long); Zhou, ZH (Zhou, Zhao-Hui)

Source: POLYHEDRON Volume: 81 Pages: 142-146 DOI: 10.1016/j.poly.2014.03.063 Published: OCT 15 2014

Record 3 of 12

Title: Secrets of Solid State and Aqueous Solution Structures of [Ni(tmdta)](2-)

Author(s): Meier, R (Meier, Roland); Platas-Iglesias, C (Platas-Iglesias, Carlos); Heinemann, FW (Heinemann, Frank W.); Linti, G (Linti, Gerald); Schulte, J (Schulte, Juergen); Srivastava, SK (Srivastava, Sunil K.)

Source: INORGANIC CHEMISTRY Volume: 53 Issue: 13 Pages: 6684-6697 DOI: 10.1021/ic5004325 Published: JUL 7 2014

Record 4 of 12

Title: Structures and thermal properties of strontium and barium 1,3-propanediaminetetraacetates

Author(s): Chen, ML (Chen, Mao-Long); Hou, YH (Hou, Yu-Hui); Xia, WS (Xia, Wen-Sheng); Zhou, ZH (Zhou, Zhao-Hui)

Source: JOURNAL OF COORDINATION CHEMISTRY Volume: 66 Issue: 11 Pages: 1906-1915 DOI: 10.1080/00958972.2013.788693 Published: JUN 1 2013

Record 5 of 12

Title: Conversion of a highly water-soluble acidic coordination polymer constructed by 1,3-propanediaminetetraacetato zinc nitrate to its bromide and isothiocyanate derivatives

Author(s): Chen, ML (Chen, Mao-Long); Yang, F (Yang, Fang); Zhou, ZH (Zhou, Zhao-Hui)

Source: POLYHEDRON Volume: 47 Issue: 1 Pages: 60-64 DOI: 10.1016/j.poly.2012.07.102 Published: OCT 26 2012

Record 6 of 12

Title: Synthesis, characterization and biological properties of cobalt(II) complexes of 1,10-phenanthroline and maltol

Author(s): Chin, LF (Chin, Lee Fang); Kong, SM (Kong, Siew Ming); Seng, HL (Seng, Hoi Ling); Khoo, KS (Khoo, Kong Soo); Vikneswaran, R (Vikneswaran, Rajamurthy); Teoh, SG (Teoh, Siang Guan); Ahmad, M (Ahmad, Munirah); Khoo, SBA (Khoo, Soo Beng Alan); Maah, MJ (Maah, Mohd Jamil); Ng, CH (Ng, Chew Hee)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 105 Issue: 3 Pages: 339-347 DOI: 10.1016/j.jinorgbio.2010.11.018 Published: MAR 2011

Record 7 of 12

Title: Crystal structure of aqua[1,3-propanediaminediacetato]-cobalt(II) dihydrate, Co(H₂O)(C₇H₁₂N₂O₄) center dot 2H₂O

Author(s): Chen, HH (Chen, Huan-Huan); Xia, DC (Xia, Dao-Cheng); Ma, JF (Ma, Jian-Fang)

Source: ZEITSCHRIFT FÜR KRISTALLOGRAPHIE-NEW CRYSTAL STRUCTURES Volume: 224 Issue: 4 Pages: 623-624 DOI: 10.1524/ncrs.2009.0274 Published: 2009

Record 8 of 12

Title: Effect of chelate dynamics on water exchange reactions of paramagnetic aminopolycarboxylate complexes

Author(s): Maigut, J (Maigut, Joachim); Meier, R (Meier, Roland); Zühl, A (Zühl, Achim); van Eldik, R (van Eldik, Rudi)

Source: INORGANIC CHEMISTRY Volume: 47 Issue: 13 Pages: 5702-5719 DOI: 10.1021/ic702421z Published: JUL 7 2008

Record 9 of 12

Title: (N-{[4-(1,3-Benzothiazol-2-yl)anilino]carbonylmethyl-kappa O}iminodiacetato-kappa O-3,N,O ')(1,10-phenanthroline-kappa N-2,N ') cobalt(II) pentahydrate

Author(s): Lin, GW (Lin, Guo. -Wu.); Wang, Y (Wang, Yue.); Lu, T (Lu, Tao.)

Source: ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS Volume: 64 Pages: M179-M181 DOI: 10.1107/S0108270108006306 Part: 4 Published: APR 2008

Record 10 of 12

Title: Metal-nucleobase interactions in magnesium(II) and manganese(II) complexes with adenine: Influence of the anion on the non-covalent stabilization of 7H-adenine tautomer

Author(s): Mastropietro, TF (Mastropietro, Teresa F.); Armentano, D (Armentano, Donatella); Marino, N (Marino, Nadia); De Munno, G (De Munno, Giovanni)

Source: POLYHEDRON Volume: 26 Issue: 17 Pages: 4945-4954 DOI: 10.1016/j.poly.2007.06.037

Published: OCT 30 2007

Record 11 of 12

Title: Preparation, characterization and X-ray analysis of [Co-2(Cl)(2)tpmc](BF₄)(2). Comparative structural analysis with the complexes having analogous geometries and ligands

Author(s): Vuckovic, G (Vuckovic, G.); Tanaskovic, SB (Tanaskovic, S. B.); Rychlewska, U (Rychlewska, U.); Radanovic, DD (Radanovic, D. D.); Mrozinski, J (Mrozinski, J.); Korabik, M (Korabik, M.)

Source: JOURNAL OF MOLECULAR STRUCTURE Volume: 827 Issue: 1-3 Pages: 80-87 DOI: 10.1016/j.molstruc.2006.05.009 Published: FEB 17 2007

Record 12 of 12

Title: The syntheses, structure and properties of cobalt complexes with beta-alanine derivatives

Author(s): Tascioglu, S (Tascioglu, S); Yalcin, B (Yalcin, B); Nasrullayeva, TM (Nasrullayeva, TM); Andac, O (Andac, O); Buyukgungor, O (Buyukgungor, O); Aydin, A (Aydin, A); Medjidov, AA (Medjidov, AA)

Source: POLYHEDRON Volume: 25 Issue: 6 Pages: 1279-1286 DOI: 10.1016/j.poly.2005.09.009 Published: APR 17 2006

Rychlewska U, 2003, POLYHEDRON, V22, P3265, DOI 10.1016/j.poly.2003.07.012

Record 1 of 3

Title: Metal complexes with the ligand derived from 6-acetyl-1,3,7-trimethylumazine and benzohydrazide. Molecular structures of two new Co(II) and Rh(III) complexes and analysis of in vitro antitumor activity

Author(s): Jimenez-Pulido, SB (Jimenez-Pulido, Sonia B.); Linares-Ordonez, FM (Linares-Ordonez, Fatima M.); Martinez-Martos, JM (Martinez-Martos, Jose M.); Moreno-Carretero, MN (Moreno-Carretero, Miguel N.); Quiros-Olozabal, M (Quiros-Olozabal, Miguel); Ramirez-Exposito, MJ (Ramirez-Exposito, Maria J.)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 102 Issue: 8 Pages: 1677-1683 DOI: 10.1016/j.jinorgbio.2008.04.004 Published: AUG 2008

Record 2 of 3

Title: Structural analysis of conformational flexibility in (aqua) (propanediamine-N,N'-diacetato-N-propionato)chromium(III) dihydrate. Crystal structure of cis-polar, trans(H₂O, O-5)-[Cr(1,3-pddap)(H₂O)]center dot 2H(2)O

Author(s): Grubisic, S (Grubisic, Sonja); Gruden-Pavlovic, M (Gruden-Pavlovic, Maja); Niketic, SR (Niketic, Svetozar R.); Sakagami-Yoshida, N (Sakagami-Yoshida, Narumi); Kaizaki, S (Kaizaki, Sumio)

Source: JOURNAL OF COORDINATION CHEMISTRY Volume: 60 Issue: 7-9 Pages: 851-863 DOI: 10.1080/00958970600937672 Published: APR-MAY 2007

Record 3 of 3

Title: Conformational analysis of edta-type rhodium(III) complexes with mixed five- and six-membered chelate rings. Structural analysis of conformational flexibility in rhodium(III) complexes containing 1,3-propanediamine-N,N'-diacetate-N,N'-di-3-propionate ligand

Author(s): Grubisic, S (Grubisic, Sonja); Milicic, MK (Milicic, Milos K.); Radanovic, DD (Radanovic, Dusanka D.); Niketic, SR (Niketic, Svetozar R.)

Source: JOURNAL OF MOLECULAR STRUCTURE Volume: 794 Issue: 1-3 Pages: 125-132 DOI: 10.1016/j.molstruc.2006.01.044 Published: AUG 7 2006

Asanin DP, 2004, MONATSH CHEM, V135, P1445, DOI 10.1007/s00706-004-0232-4

Record 1 of 3

Title: Use of diethanolammonium-tetrachloridopalladate(II) complex in bioorganic modelling as artificial metalloproteinase in the reaction with N-acetylated L-methionylglycine dipeptide. NMR and DFT study of the hydrolytic reaction

Author(s): Petrovic, VP (Petrovic, Vladimir P.); Simijonovic, D (Simijonovic, Dusica); Petrovic, ZD (Petrovic, Zorica D.)

Source: JOURNAL OF MOLECULAR STRUCTURE Volume: 1060 Pages: 38-41 DOI: 10.1016/j.molstruc.2013.12.026 Published: FEB 24 2014

Record 2 of 3

Title: Amide bond hydrolysis in peptides and cyclic peptides catalyzed by a dimeric Zr(IV)-substituted Keggin type polyoxometalate

Author(s): Ly, HGT (Ly, Hong Giang T.); Absillis, G (Absillis, Gregory); Parac-Vogt, TN (Parac-Vogt, Tatjana N.)

Source: DALTON TRANSACTIONS Volume: 42 Issue: 30 Pages: 10929-10938 DOI: 10.1039/c3dt50705j Published: 2013

Record 3 of 3

Title: Curious Results with Palladium- and Platinum-Carrying Polymers in Mass Cytometry Bioassays and an Unexpected Application as a Dead Cell Stain

Author(s): Majonis, D (Majonis, Daniel); Ornatsky, O (Ornatsky, Olga); Kinach, R (Kinach, Robert); Winnik, MA (Winnik, Mitchell A.)

Source: BIOMACROMOLECULES Volume: 12 Issue: 11 Pages: 3997-4010 DOI: 10.1021/bm201011t Published: NOV 2011

Radanovic DD, 2004, POLYHEDRON, V23, P2183, DOI 10.1016/j.poly.2004.05.019

Record 1 of 11

Title: Acidic 1,3-propanediaminetetraacetato lanthanides with luminescent and catalytic ester hydrolysis properties

Author(s): Chen, ML (Chen, Mao-Long); Shi, YR (Shi, Yan-Ru); Yang, YC (Yang, Yu-Chen); Zhou, ZH (Zhou, Zhao-Hui)

Source: JOURNAL OF SOLID STATE CHEMISTRY Volume: 219 Pages: 265-273 DOI: 10.1016/j.jssc.2014.07.037 Published: NOV 2014

Record 2 of 11

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Author(s): Chen, ML (Chen, Mao-Long); Zhou, ZH (Zhou, Zhao-Hui)

Source: POLYHEDRON Volume: 81 Pages: 142-146 DOI: 10.1016/j.poly.2014.03.063 Published: OCT 15 2014

Record 3 of 11

Title: Secrets of Solid State and Aqueous Solution Structures of [Ni(tmdta)](2-)

Author(s): Meier, R (Meier, Roland); Platas-Iglesias, C (Platas-Iglesias, Carlos); Heinemann, FW (Heinemann, Frank W.); Linti, G (Linti, Gerald); Schulte, J (Schulte, Juergen); Srivastava, SK (Srivastava, Sunil K.)

Source: INORGANIC CHEMISTRY Volume: 53 Issue: 13 Pages: 6684-6697 DOI:

10.1021/ic5004325 Published: JUL 7 2014

Record 4 of 11

Title: Hydrothermal Syntheses, Crystal Structure and Characterization of Two Alkaline Earth Metal Coordination Polymers with 1-(4-Iodophenyl)-5-methyl-1H-[1,2,3]-triazole-4-carboxylate Ligand

Author(s): Zhou, SY (Zhou, Shi-Yan); Qu, ZR (Qu, Zhi-Rong); Ma, HJ (Ma, Hua-Jun); Wang, GG (Wang, Gai-Gai); Zhao, H (Zhao, Hong)

Source: JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS

Volume: 24 Issue: 3 Pages: 656-663 DOI: 10.1007/s10904-014-0026-z Published: MAY 2014

Record 5 of 11

Title: Structures and thermal properties of strontium and barium 1,3-propanediaminetetraacetates

Author(s): Chen, ML (Chen, Mao-Long); Hou, YH (Hou, Yu-Hui); Xia, WS (Xia, Wen-Sheng); Zhou, ZH (Zhou, Zhao-Hui)

Source: JOURNAL OF COORDINATION CHEMISTRY Volume: 66 Issue: 11 Pages: 1906-1915

DOI: 10.1080/00958972.2013.788693 Published: JUN 1 2013

Record 6 of 11

Title: Conversion of a highly water-soluble acidic coordination polymer constructed by 1,3-propanediaminetetraacetato zinc nitrate to its bromide and isothiocyanate derivatives

Author(s): Chen, ML (Chen, Mao-Long); Yang, F (Yang, Fang); Zhou, ZH (Zhou, Zhao-Hui)

Source: POLYHEDRON Volume: 47 Issue: 1 Pages: 60-64 DOI: 10.1016/j.poly.2012.07.102

Published: OCT 26 2012

Record 7 of 11

Title: Strong Metal Ion Size Based Selectivity of the Highly Preorganized Ligand PDA (1,10-Phenanthroline-2,9-dicarboxylic Acid) with Trivalent Metal Ions. A Crystallographic, Fluorometric, and Thermodynamic Study

Author(s): Williams, NJ (Williams, Neil J.); Dean, NE (Dean, Nolan E.); VanDerveer, DG (VanDerveer, Donald G.); Luckay, RC (Luckay, Robert C.); Hancock, RD (Hancock, Robert D.)

Source: INORGANIC CHEMISTRY Volume: 48 Issue: 16 Pages: 7853-7863 DOI:

10.1021/ic900737q Published: AUG 17 2009

Record 8 of 11

Title: catena-Poly[[diaquacalcium(II)]-di-μ-2-chloronicotinato]

Author(s): Quan, L (Quan, Li); Yin, HD (Yin, Handong); Cui, LS (Cui, Liansheng); Yang, ML (Yang, Minglei)

Source: ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE Volume: 65

Pages: M167-U504 DOI: 10.1107/S1600536808044267 Published: FEB 2009

Record 9 of 11

Title: CALCIUM IN BIOLOGICAL SYSTEMS

Author(s): Burgess, J (Burgess, John); Raven, E (Raven, Emma)

Edited by: VanEldik R; Hubbard CD

Source: ADVANCES IN INORGANIC CHEMISTRY, VOL 61: METAL ION CONTROLLED

REACTIVITY Book Series: Advances in Inorganic Chemistry Volume: 61 Pages: 251-366 DOI:

10.1016/S0898-8838(09)00205-0 Published: 2009

Record 10 of 11

Title: Effect of chelate dynamics on water exchange reactions of paramagnetic aminopolycarboxylate complexes

Author(s): Maigut, J (Maigut, Joachim); Meier, R (Meier, Roland); Zahl, A (Zahl, Achim); van Eldik, R (van Eldik, Rudi)

Source: INORGANIC CHEMISTRY Volume: 47 Issue: 13 Pages: 5702-5719 DOI: 10.1021/ic702421z Published: JUL 7 2008

Record 11 of 11

Title: Can a non-chiral object be made of two identical chiral moieties?

Author(s): LeMarechal, JF (LeMarechal, Jean Francois)

Source: JOURNAL OF CHEMICAL EDUCATION Volume: 85 Issue: 3 Pages: 433-435 Published: MAR 2008

Draskovic NS, 2004, TRANSIT METAL CHEM, V29, P874, DOI 10.1007/s11243-004-2239-4

Record 1 of 4

Title: Acidic 1,3-propanediaminetetraacetato lanthanides with luminescent and catalytic ester hydrolysis properties

Author(s): Chen, ML (Chen, Mao-Long); Shi, YR (Shi, Yan-Ru); Yang, YC (Yang, Yu-Chen); Zhou, ZH (Zhou, Zhao-Hui)

Source: JOURNAL OF SOLID STATE CHEMISTRY Volume: 219 Pages: 265-273 DOI: 10.1016/j.jssc.2014.07.037 Published: NOV 2014

Record 2 of 4

Title: Syntheses and catalytic oxidation of tetrameric and polymeric copper(II) 1,3-propanediaminetetraacetates

Author(s): Chen, ML (Chen, Mao-Long); Zhou, ZH (Zhou, Zhao-Hui)

Source: POLYHEDRON Volume: 81 Pages: 142-146 DOI: 10.1016/j.poly.2014.03.063 Published: OCT 15 2014

Record 3 of 4

Title: Structures and thermal properties of strontium and barium 1,3-propanediaminetetraacetates

Author(s): Chen, ML (Chen, Mao-Long); Hou, YH (Hou, Yu-Hui); Xia, WS (Xia, Wen-Sheng); Zhou, ZH (Zhou, Zhao-Hui)

Source: JOURNAL OF COORDINATION CHEMISTRY Volume: 66 Issue: 11 Pages: 1906-1915 DOI: 10.1080/00958972.2013.788693 Published: JUN 1 2013

Record 4 of 4

Title: Conversion of a highly water-soluble acidic coordination polymer constructed by 1,3-propanediaminetetraacetato zinc nitrate to its bromide and isothiocyanate derivatives

Author(s): Chen, ML (Chen, Mao-Long); Yang, F (Yang, Fang); Zhou, ZH (Zhou, Zhao-Hui)

Source: POLYHEDRON Volume: 47 Issue: 1 Pages: 60-64 DOI: 10.1016/j.poly.2012.07.102 Published: OCT 26 2012

Rychlewska U, 2005, POLYHEDRON, V24, P2009, DOI 10.1016/j.poly.2005.06.010

Record 1 of 11

Title: Acidic 1,3-propanediaminetetraacetato lanthanides with luminescent and catalytic ester hydrolysis properties

Author(s): Chen, ML (Chen, Mao-Long); Shi, YR (Shi, Yan-Ru); Yang, YC (Yang, Yu-Chen); Zhou, ZH (Zhou, Zhao-Hui)

Source: JOURNAL OF SOLID STATE CHEMISTRY Volume: 219 Pages: 265-273 DOI: 10.1016/j.jssc.2014.07.037 Published: NOV 2014

Record 2 of 11

Title: Syntheses and catalytic oxidation of tetrameric and polymeric copper(II) 1,3-propanediaminetetraacetates

Author(s): Chen, ML (Chen, Mao-Long); Zhou, ZH (Zhou, Zhao-Hui)

Source: POLYHEDRON Volume: 81 Pages: 142-146 DOI: 10.1016/j.poly.2014.03.063 Published: OCT 15 2014

Record 3 of 11

Title: Synthesis, characterization and luminescence of Cd(II), Zn(II) complexes with 1,2,3-triazole derivatives and in situ solvothermal decarboxylation of the ligands

Author(s): Zhao, H (Zhao, Hong); Zhou, SY (Zhou, Shi-Yan); Feng, C (Feng, Chao); Wei, NX (Wei, Neng-Xiao); Wang, GG (Wang, Gai-Gai)

Source: INORGANICA CHIMICA ACTA Volume: 421 Pages: 169-175 DOI: 10.1016/j.ica.2014.05.032 Published: SEP 1 2014

Record 4 of 11

Title: Secrets of Solid State and Aqueous Solution Structures of [Ni(tmdta)](2-)

Author(s): Meier, R (Meier, Roland); Platas-Iglesias, C (Platas-Iglesias, Carlos); Heinemann, FW (Heinemann, Frank W.); Linti, G (Linti, Gerald); Schulte, J (Schulte, Juergen); Srivastava, SK (Srivastava, Sunil K.)

Source: INORGANIC CHEMISTRY Volume: 53 Issue: 13 Pages: 6684-6697 DOI: 10.1021/ic5004325 Published: JUL 7 2014

Record 5 of 11

Title: Structures and thermal properties of strontium and barium 1,3-propanediaminetetraacetates

Author(s): Chen, ML (Chen, Mao-Long); Hou, YH (Hou, Yu-Hui); Xia, WS (Xia, Wen-Sheng); Zhou, ZH (Zhou, Zhao-Hui)

Source: JOURNAL OF COORDINATION CHEMISTRY Volume: 66 Issue: 11 Pages: 1906-1915 DOI: 10.1080/00958972.2013.788693 Published: JUN 1 2013

Record 6 of 11

Title: Conversion of a highly water-soluble acidic coordination polymer constructed by 1,3-propanediaminetetraacetato zinc nitrate to its bromide and isothiocyanate derivatives

Author(s): Chen, ML (Chen, Mao-Long); Yang, F (Yang, Fang); Zhou, ZH (Zhou, Zhao-Hui)

Source: POLYHEDRON Volume: 47 Issue: 1 Pages: 60-64 DOI: 10.1016/j.poly.2012.07.102 Published: OCT 26 2012

Record 7 of 11

Title: Syntheses, Crystal Structures, and Fluorescent Properties of Three Complexes Constructed From 2-(1H-imidazole-1-ylmethyl)-1H-benzimidazole

Author(s): Yan, SX (Yan, Shuxun); Jin, GH (Jin, Guanghua); Yang, Y (Yang, Yang); Su, X (Su, Xiao); Meng, XR (Meng, Xiangru)

Source: SYNTHESIS AND REACTIVITY IN INORGANIC METAL-ORGANIC AND NANO-METAL CHEMISTRY Volume: 42 Issue: 5 Pages: 678-684 DOI: 10.1080/15533174.2011.615039

Published: 2012

Record 8 of 11

Title: Acidic 1,3-propanediaminetetraacetate zinc complexes as a probe of water soluble coordination polymers

Author(s): Chen, ML (Chen, Mao-Long); Mao, SY (Mao, Shao-Yu); Zhou, ZH (Zhou, Zhao-Hui)

Source: INORGANICA CHIMICA ACTA Volume: 376 Issue: 1 Pages: 671-673 DOI:

10.1016/j.ica.2011.06.053 Published: OCT 1 2011

Record 9 of 11

Title: The X-Ray Structure and Spectroscopic Characterization of

[Zn(H₂O)(6)][{Zn(H₂O)}₂(ttha)]center dot 4H(2)O (ttha = Triethylenetetraamine-N, N, N', N'', N''', N''''-hexaacetate)

Author(s): Carlson, ZA (Carlson, Z. A.); Harrod, BL (Harrod, Bronwyn L.); Widener, D (Widener, Daniel); Howard, WA (Howard, William A.); Pang, KL (Pang, Keliang)

Source: JOURNAL OF CHEMICAL CRYSTALLOGRAPHY Volume: 40 Issue: 10 Pages: 863-866

DOI: 10.1007/s10870-010-9755-1 Published: OCT 2010

Record 10 of 11

Title: The structure of polynuclear clusters based on zinc and copper compounds with thiosemicarbazidodiacetic acid

Author(s): Filippova, IG (Filippova, I. G.); Bologa, OA (Bologa, O. A.); Simonov, YA (Simonov, Yu. A.); Gdaniec, M (Gdaniec, M.); Gerbeleu, NV (Gerbeleu, N. V.)

Source: RUSSIAN JOURNAL OF COORDINATION CHEMISTRY Volume: 34 Issue: 2 Pages: 79-84

DOI: 10.1134/S1070328408020012 Published: FEB 2008

Record 11 of 11

Title: Supramolecular assemblies of nucleobase derivative 1-Mecyt with Mg(II) and Ni(II) and solid-state transformation of Ni(II) phase: A comprehensive evidence of their different reactivity toward 1-Mecyt [1-Mecyt=1-methylcytosine]

Author(s): Mastropietro, TF (Mastropietro, Teresa F.); Armentano, D (Armentano, Donatella); Marino, N (Marino, Nadia); De Munno, G (De Munno, Giovanni); Anastassopoulou, J (Anastassopoulou, Jane); Theophanides, T (Theophanides, Theophilos)

Source: CRYSTAL GROWTH & DESIGN Volume: 7 Issue: 4 Pages: 609-612 DOI:

10.1021/cg060894k Published: APR 2007

Petrovic ZD, 2006, BIOORG CHEM, V34, P225, DOI 10.1016/j.bioorg.2006.06.003

Record 1 of 13

Title: Use of diethanolammonium-tetrachloridopalladate(II) complex in bioorganic modelling as artificial metalloproteinase in the reaction with N-acetylated L-methionylglycine dipeptide. NMR and DFT study of the hydrolytic reaction

Author(s): Petrovic, VP (Petrovic, Vladimir P.); Simijonovic, D (Simijonovic, Dusica); Petrovic, ZD (Petrovic, Zorica D.)

Source: JOURNAL OF MOLECULAR STRUCTURE Volume: 1060 Pages: 38-41 DOI: 10.1016/j.molstruc.2013.12.026 Published: FEB 24 2014

Record 2 of 13

Title: Synthesis, reactions, applications, and biological activity of diethanolamine and its derivatives

Author(s): Yar, M (Yar, M.); Mushtaq, N (Mushtaq, N.); Afzal, S (Afzal, S.)

Source: RUSSIAN JOURNAL OF ORGANIC CHEMISTRY Volume: 49 Issue: 7 Pages: 949-967 DOI: 10.1134/S1070428013070014 Published: JUL 2013

Record 3 of 13

Title: Metal array fabrication based on ultrasound-induced self-assembly of metalated dipeptides

Author(s): Isozaki, K (Isozaki, Katsuhiro); Haga, Y (Haga, Yusuke); Ogata, K (Ogata, Kazuki); Naota, T (Naota, Takeshi); Takaya, H (Takaya, Hikaru)

Source: DALTON TRANSACTIONS Volume: 42 Issue: 45 Pages: 15953-15966 DOI: 10.1039/c3dt51696b Published: 2013

Record 4 of 13

Title: (NHC)-Pd(II) complexes with hydrophilic Nitrogen ligands; catalytic properties in neat water

Author(s): Turkmen, H (Turkmen, Hayati); Gok, L (Gok, Lutfiye); Kani, I (Kani, Ibrahim); Cetinkaya, B (Cetinkaya, Bekir)

Source: TURKISH JOURNAL OF CHEMISTRY Volume: 37 Issue: 4 Pages: 633-642 DOI: 10.3906/kim-1302-75 Published: 2013

Record 5 of 13

Title: Antimicrobial activity of the ionic liquids triethanolamine acetate and diethanolamine chloride, and their corresponding Pd(II) complexes

Author(s): Petrovic, ZD (Petrovic, Zorica D.); Comic, L (Comic, Ljiljana); Stefanovic, O (Stefanovic, Olgica); Simijonovic, D (Simijonovic, Dusica); Petrovic, VP (Petrovic, Vladimir P.)

Source: JOURNAL OF MOLECULAR LIQUIDS Volume: 170 Pages: 61-65 DOI: 10.1016/j.molliq.2012.03.009 Published: JUN 2012

Record 6 of 13

Title: Stereoselective homogeneous catalytic arylation of methyl methacrylate: Experimental and computational study

Author(s): Petrovic, ZD (Petrovic, Zorica D.); Petrovic, VP (Petrovic, Vladimir P.); Simijonovic, D (Simijonovic, Dusica); Markovic, S (Markovic, Svetlana)

Source: JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL Volume: 356 Pages: 144-151 DOI: 10.1016/j.molcata.2012.01.007 Published: APR 2012

Record 7 of 13

Title: Intermolecular phosphine-free Heck reactions: Amino alcohols as effective ligands

Author(s): Zawisza, AM (Zawisza, Anna Maria); Muzart, J (Muzart, Jacques)

Source: CATALYSIS COMMUNICATIONS Volume: 12 Issue: 11 Pages: 1015-1017 DOI: 10.1016/j.catcom.2011.02.016 Published: JUN 10 2011

Record 8 of 13

Title: Insight into hydrolytic reaction of N-acetylated L-histidylglycine dipeptide with novel mechlorethamine platinum(II) complex. NMR and DFT study of the hydrolytic reaction

Author(s): Petrovic, ZD (Petrovic, Zorica D.); Petrovic, VP (Petrovic, Vladimir P.); Simijonovic, D (Simijonovic, Dusica); Markovic, S (Markovic, Svetlana)

Source: DALTON TRANSACTIONS Volume: 40 Issue: 36 Pages: 9284-9288 DOI: 10.1039/c1dt10593k Published: 2011

Record 9 of 13

Title: Diethanolamine and N,N-diethylethanolamine ionic liquids as precatalyst-precursors and reaction media in green Heck reaction protocol

Author(s): Petrovic, ZD (Petrovic, Zorica D.); Simijonovic, D (Simijonovic, Dusica); Petrovic, VP (Petrovic, Vladimir P.); Markovic, S (Markovic, Svetlana)

Source: JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL Volume: 327 Issue: 1-2 Pages: 45-50 DOI: 10.1016/j.molcata.2010.05.010 Published: JUL 15 2010

Record 10 of 13

Title: Mechanistic pathways for oxidative addition of aryl iodides to the low-ligated diethanolamine palladium(0) complex in phosphine-free Heck reactions

Author(s): Petrovic, ZD (Petrovic, Zorica D.); Petrovic, VP (Petrovic, Vladimir P.); Simijonovic, D (Simijonovic, Dusica); Markovic, S (Markovic, Svetlana)

Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY Volume: 694 Issue: 24 Pages: 3852-3858 Published: NOV 15 2009

Record 11 of 13

Title: Mechanistic insight into the preactivation of a modern palladium catalyst precursor in phosphine-free Heck reactions

Author(s): Petrovic, ZD (Petrovic, Zorica D.); Markovic, S (Markovic, Svetlana); Simijonovic, D (Simijonovic, Dusica); Petrovic, V (Petrovic, Vladimir)

Source: MONATSHFTE FUR CHEMIE Volume: 140 Issue: 4 Pages: 371-374 DOI: 10.1007/s00706-008-0035-0 Published: APR 2009

Record 12 of 13

Title: DFT study on the preactivation reaction of a palladium catalyst precursor in phosphine-free Heck reactions

Author(s): Markovic, S (Markovic, Svetlana); Petrovic, ZD (Petrovic, Zorica D.); Petrovic, V (Petrovic, Vladimir)

Source: MONATSHFTE FUR CHEMIE Volume: 140 Issue: 2 Pages: 171-175 DOI: 10.1007/s00706-008-0072-8 Published: FEB 2009

Record 13 of 13

Title: New Pd(II)-mechlorethamine complex: Synthesis, NMR study of hydrolytic activity and in vitro evaluation of antiradical property of new complex and its alkylating precursor

Author(s): Petrovic, ZD (Petrovic, Zorica D.); Hadjipavlou-Litina, D (Hadjipavlou-Litina, Dimitra); Petrovic, VP (Petrovic, Vladimir P.)

Source: JOURNAL OF MOLECULAR LIQUIDS Volume: 144 Issue: 1-2 Pages: 55-58 DOI: 10.1016/j.molliq.2008.09.003 Published: JAN 10 2009

Rychlewska U, 2007, POLYHEDRON, V26, P1717, DOI 10.1016/j.poly.2006.12.011

Record 1 of 9

Title: Acidic 1,3-propanediaminetetraacetato lanthanides with luminescent and catalytic ester hydrolysis properties

Author(s): Chen, ML (Chen, Mao-Long); Shi, YR (Shi, Yan-Ru); Yang, YC (Yang, Yu-Chen); Zhou, ZH (Zhou, Zhao-Hui)

Source: JOURNAL OF SOLID STATE CHEMISTRY Volume: 219 Pages: 265-273 DOI: 10.1016/j.jssc.2014.07.037 Published: NOV 2014

Record 2 of 9

Title: Syntheses and catalytic oxidation of tetrameric and polymeric copper(II) 1,3-propanediaminetetraacetates

Author(s): Chen, ML (Chen, Mao-Long); Zhou, ZH (Zhou, Zhao-Hui)

Source: POLYHEDRON Volume: 81 Pages: 142-146 DOI: 10.1016/j.poly.2014.03.063 Published: OCT 15 2014

Record 3 of 9

Title: Secrets of Solid State and Aqueous Solution Structures of [Ni(tmdta)](2-)

Author(s): Meier, R (Meier, Roland); Platas-Iglesias, C (Platas-Iglesias, Carlos); Heinemann, FW (Heinemann, Frank W.); Linti, G (Linti, Gerald); Schulte, J (Schulte, Juergen); Srivastava, SK (Srivastava, Sunil K.)

Source: INORGANIC CHEMISTRY Volume: 53 Issue: 13 Pages: 6684-6697 DOI: 10.1021/ic5004325 Published: JUL 7 2014

Record 4 of 9

Title: Structures and thermal properties of strontium and barium 1,3-propanediaminetetraacetates

Author(s): Chen, ML (Chen, Mao-Long); Hou, YH (Hou, Yu-Hui); Xia, WS (Xia, Wen-Sheng); Zhou, ZH (Zhou, Zhao-Hui)

Source: JOURNAL OF COORDINATION CHEMISTRY Volume: 66 Issue: 11 Pages: 1906-1915 DOI: 10.1080/00958972.2013.788693 Published: JUN 1 2013

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Title: Conversion of a highly water-soluble acidic coordination polymer constructed by 1,3-propanediaminetetraacetato zinc nitrate to its bromide and isothiocyanate derivatives

Author(s): Chen, ML (Chen, Mao-Long); Yang, F (Yang, Fang); Zhou, ZH (Zhou, Zhao-Hui)

Source: POLYHEDRON Volume: 47 Issue: 1 Pages: 60-64 DOI: 10.1016/j.poly.2012.07.102 Published: OCT 26 2012

Record 6 of 9

Title: Solid solution of two diastereomers of [3aR,S),7a(R,S)]-3-[(1 ' R)-1-phenylethyl]perhydro-1,3-benzothiazol-2-iminium chloride

Author(s): Plutecka, A (Plutecka, Agnieszka); Rychlewska, U (Rychlewska, Urszula); Prusinowska, N (Prusinowska, Natalia); Gawronski, J (Gawronski, Jacek)

Source: ACTA CRYSTALLOGRAPHICA SECTION B-STRUCTURAL SCIENCE Volume: 66 Pages: 678-686 DOI: 10.1107/S0108768110040760 Part: 6 Published: DEC 2010

Record 7 of 9

Title: Strong Metal Ion Size Based Selectivity of the Highly Preorganized Ligand PDA (1,10-Phenanthroline-2,9-dicarboxylic Acid) with Trivalent Metal Ions. A Crystallographic, Fluorometric, and Thermodynamic Study

Author(s): Williams, NJ (Williams, Neil J.); Dean, NE (Dean, Nolan E.); VanDerveer, DG (VanDerveer, Donald G.); Luckay, RC (Luckay, Robert C.); Hancock, RD (Hancock, Robert D.)

Source: INORGANIC CHEMISTRY Volume: 48 Issue: 16 Pages: 7853-7863 DOI: 10.1021/ic900737q Published: AUG 17 2009

Record 8 of 9

Title: Aminocarboxylate complexes of vanadium(III): Electronic structure investigation by high-frequency and -field electron paramagnetic resonance spectroscopy

Author(s): Telser, J (Telser, Joshua); Wu, CC (Wu, Chi-Chin); Chen, KY (Chen, Kun-Yuan); Hsu, HF (Hsu, Hua-Fen); Smirnov, D (Smirnov, Dmitry); Ozarowski, A (Ozarowski, Andrew); Krzystek, J (Krzystek, J.)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 103 Issue: 4 Pages: 487-495 DOI: 10.1016/j.jinorgbio.2009.01.016 Published: APR 2009

Conference Title: 6th International Vanadium Symposium

Conference Date: JUL 17-19, 2008

Conference Location: Lisbon, PORTUGAL

Conference Host: Calouste Gulbenkian Fdn

Record 9 of 9

Title: Triggering Water Exchange Mechanisms via Chelate Architecture. Shielding of Transition Metal Centers by Aminopolycarboxylate Spectator Ligands

Author(s): Maigut, J (Maigut, Joachim); Meier, R (Meier, Roland); Zahl, A (Zahl, Achim); van Eldik, R (van Eldik, Rudi)

Source: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY Volume: 130 Issue: 44 Pages: 14556-14569 DOI: 10.1021/ja802842q Published: NOV 5 2008

Rosic J, 2007, MONATSH CHEM, V138, P1, DOI 10.1007/s00706-006-0568-z

Record 1 of 8

Title: Role of pi-Acceptor Effects in Controlling the Lability of Novel Monofunctional Pt(II) and Pd(II) Complexes: Crystal Structure of [Pt(triptyridinedimethane)Cl]Cl

Author(s): Petrovic, B (Petrovic, Biljana); Bugarcic, ZD (Bugarcic, Zivadin D.); Dees, A (Dees, Anne); Ivanovic-Burmazovic, I (Ivanovic-Burmazovic, Ivana); Heinemann, FW (Heinemann, Frank W.); Puchta, R (Puchta, Ralph); Steinmann, SN (Steinmann, Stephan N.); Corminboeuf, C (Corminboeuf, Clemence); van Eldik, R (van Eldik, Rudi)

Source: INORGANIC CHEMISTRY Volume: 51 Issue: 3 Pages: 1516-1529 DOI: 10.1021/ic201807a Published: FEB 6 2012

Record 2 of 8

Title: Mechanistic studies on the reactions of platinum(II) complexes with nitrogen- and sulfur-donor biomolecules

Author(s): Bugarcic, ZD (Bugarcic, Zivadin D.); Bogojeski, J (Bogojeski, Jovana); Petrovic, B (Petrovic, Biljana); Hochreuther, S (Hochreuther, Stephanie); van Eldik, R (van Eldik, Rudi)

Source: DALTON TRANSACTIONS Volume: 41 Issue: 40 Pages: 12329-12345 DOI: 10.1039/c2dt31045g Published: 2012

Record 3 of 8

Title: Extraction of Palladium(II) from Hydrochloric Acid Solutions by (RS)-1-(4-Chlorophenyl)-4,4-Dimethyl-3-(1H-1,2,4-Triazol-1-ylmethyl)-Pentan-3-ol

Author(s): Khisamutdinov, RA (Khisamutdinov, R. A.); Anpilogova, GR (Anpilogova, G. R.);

Golubyatnikova, LG (Golubyatnikova, L. G.); Baikova, IP (Baikova, I. P.); Murinov, YI (Murinov, Yu. I.)

Source: RUSSIAN JOURNAL OF INORGANIC CHEMISTRY Volume: 57 Issue: 1 Pages: 120-127

DOI: 10.1134/S0036023612010123 Published: JAN 2012

Record 4 of 8

Title: A kinetic investigation into the rate of chloride substitution from chloro terpyridine platinum(II) and analogous complexes by a series of azole nucleophiles

Author(s): Reddy, D (Reddy, Desigan); Akerman, KJ (Akerman, Kate J.); Akerman, MP (Akerman, Matthew P.); Jaganyi, D (Jaganyi, Deogratius)

Source: TRANSITION METAL CHEMISTRY Volume: 36 Issue: 6 Pages: 593-602 DOI:

10.1007/s11243-011-9507-x Published: SEP 2011

Record 5 of 8

Title: Kinetic and thermodynamic studies on reactions of [PtCl(bpma)](+) and [Pt(bpma)H₂O](2+) (bpma = bis-(2-pyridylmethyl)amine) with some azoles and diazines

Author(s): Bogojeski, J (Bogojeski, Jovana); Bugarcic, ZD (Bugarcic, Zivadin D.)

Source: TRANSITION METAL CHEMISTRY Volume: 36 Issue: 1 Pages: 73-78 DOI:

10.1007/s11243-010-9436-0 Published: FEB 2011

Record 6 of 8

Title: Kinetic Studies on the Reactions of Different Bifunctional Platinum(II) Complexes with Selected Nucleophiles

Author(s): Bogojeski, J (Bogojeski, Jovana); Bugarcic, ZD (Bugarcic, Zivadin D.); Puchta, R (Puchta, Ralph); van Eldik, R (van Eldik, Rudi)

Source: EUROPEAN JOURNAL OF INORGANIC CHEMISTRY Issue: 34 Pages: 5439-5445 DOI:

10.1002/ejic.201000654 Published: DEC 2010

Record 7 of 8

Title: Palladium(II) extraction with 1-[[2-(2,4-Dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]-methyl]-1H-1,2,4-triazole from nitric acid solutions

Author(s): Khisamutdinov, RA (Khisamutdinov, R. A.); Anpilogova, GR (Anpilogova, G. R.); Murinov, YI (Murinov, Yu. I.); Spirikhin, LV (Spirikhin, L. V.)

Source: RUSSIAN JOURNAL OF INORGANIC CHEMISTRY Volume: 55 Issue: 12 Pages: 1992-

1997 DOI: 10.1134/S0036023610120284 Published: DEC 2010

Record 8 of 8

Title: Platinum-DNA Interactions and Subsequent Cellular Processes Controlling Sensitivity to Anticancer Platinum Complexes

Author(s): Ahmad, S (Ahmad, Saeed)

Source: CHEMISTRY & BIODIVERSITY Volume: 7 Issue: 3 Pages: 543-566 Published: 2010

Zivkovic MD, 2007, POLYHEDRON, V26, P1541, DOI 10.1016/j.poly.2006.11.048

Record 1 of 2

Title: Use of diethanolammonium-tetrachloridopalladate(II) complex in bioorganic modelling as artificial metallopeptidase in the reaction with N-acetylated L-methionylglycine dipeptide. NMR and DFT study of the hydrolytic reaction

Author(s): Petrovic, VP (Petrovic, Vladimir P.); Simijonovic, D (Simijonovic, Dusica); Petrovic, ZD (Petrovic, Zorica D.)

Source: JOURNAL OF MOLECULAR STRUCTURE Volume: 1060 Pages: 38-41 DOI: 10.1016/j.molstruc.2013.12.026 Published: FEB 24 2014

Record 2 of 2

Title: Tuning Zr(IV)-assisted peptide hydrolysis at near-neutral pH

Author(s): Kassai, M (Kassai, Miki); Grant, KB (Grant, Kathryn B.)

Source: INORGANIC CHEMISTRY COMMUNICATIONS Volume: 11 Issue: 5 Pages: 521-525 DOI: 10.1016/j.inoche.2008.01.026 Published: MAY 2008

Radanovic DD, 2007, POLYHEDRON, V26, P4799, DOI 10.1016/j.poly.2007.06.039

Record 1 of 2

Title: Combined Effects of EDTA and Heteroatoms (Ti, Zr, and Al) on Catalytic Activity of SBA-15 Supported NiMo Catalyst for Hydrotreating of Heavy Gas Oil

Author(s): Badoga, S (Badoga, Sandeep); Dalai, AK (Dalai, Ajay K.); Adjaye, J (Adjaye, John); Hu, YF (Hu, Yongfeng)

Source: INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH Volume: 53 Issue: 6 Pages: 2137-2156 DOI: 10.1021/ie400695m Published: FEB 12 2014

Record 2 of 2

Title: Preparation, configurational and DFT-NBO analysis of nickel(II) complexes with edta-type ligands containing six-membered backbone ring: crystal structure of [Ni(H₂O)(6)][Ni(1,3-pdta)]center dot 2H(2)O

Author(s): Belosevic, S (Belosevic, Svetlana); Vasojevic, MM (Vasojevic, Miorad M.); Jeremic, MS (Jeremic, Marija S.); Meetsma, A (Meetsma, Auke); Matovic, ZD (Matovic, Zoran D.)

Source: JOURNAL OF COORDINATION CHEMISTRY Volume: 66 Issue: 10 Pages: 1730-1745 DOI: 10.1080/00958972.2013.789104 Published: MAY 1 2013

Grubisic S, 2007, POLYHEDRON, V26, P3437, DOI 10.1016/j.poly.2007.03.029

Record 1 of 2

Title: Crystal structure and conformational analysis of s-cis-(acetylacetonato)(ethylenediamine-N,N'-diacetato)-chromium(III)

Author(s): Choi, JH (Choi, Jong-Ha); Niketic, SR (Niketic, Svetozar R.); Djordjevic, I (Djordjevic, Ivana); Clegg, W (Clegg, William); Harrington, RW (Harrington, Ross W.)

Source: JOURNAL OF MOLECULAR MODELING Volume: 18 Issue: 5 Pages: 2135-2146 DOI: 10.1007/s00894-011-1185-2 Published: MAY 2012

Record 2 of 2

Title: Molecular mechanics description of the stabilized effects in (ethylenediamine-N,N'-diacetato)chromate(III) dinuclear complex bridged by pyrazole-3,5-dicarboxylate: DFT calculations of magnetic properties

Author(s): Grubisic, S (Grubisic, Sonja); Gruden-Pavlovic, M (Gruden-Pavlovic, Maja); Radanovic, DD (Radanovic, Dusanka D.); Peric, M (Peric, Marko); Niketic, SR (Niketic, Svetozar R.)

Source: JOURNAL OF MOLECULAR STRUCTURE Volume: 919 Issue: 1-3 Pages: 54-58 DOI: 10.1016/j.molstruc.2008.08.010 Published: FEB 17 2009

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Record 1 of 2

Title: Use of diethanolammonium-tetrachloridopalladate(II) complex in bioorganic modelling as artificial metallopeptidase in the reaction with N-acetylated L-methionylglycine dipeptide. NMR and DFT study of the hydrolytic reaction

Author(s): Petrovic, VP (Petrovic, Vladimir P.); Simijonovic, D (Simijonovic, Dusica); Petrovic, ZD (Petrovic, Zorica D.)

Source: JOURNAL OF MOLECULAR STRUCTURE Volume: 1060 Pages: 38-41 DOI: 10.1016/j.molstruc.2013.12.026 Published: FEB 24 2014

Record 2 of 2

Title: Insight into hydrolytic reaction of N-acetylated L-histidylglycine dipeptide with novel mechlorethamine platinum(II) complex. NMR and DFT study of the hydrolytic reaction

Author(s): Petrovic, ZD (Petrovic, Zorica D.); Petrovic, VP (Petrovic, Vladimir P.); Simijonovic, D (Simijonovic, Dusica); Markovic, S (Markovic, Svetlana)

Source: DALTON TRANSACTIONS Volume: 40 Issue: 36 Pages: 9284-9288 DOI: 10.1039/c1dt10593k Published: 2011

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Record 1 of 2

Title: Secrets of Solid State and Aqueous Solution Structures of [Ni(tmdta)](2-)

Author(s): Meier, R (Meier, Roland); Platas-Iglesias, C (Platas-Iglesias, Carlos); Heinemann, FW (Heinemann, Frank W.); Linti, G (Linti, Gerald); Schulte, J (Schulte, Juergen); Srivastava, SK (Srivastava, Sunil K.)

Source: INORGANIC CHEMISTRY Volume: 53 Issue: 13 Pages: 6684-6697 DOI: 10.1021/ic5004325 Published: JUL 7 2014

Record 2 of 2

Title: A structural study of lithium m-terphenyl carboxylates

Author(s): Lee, PTK (Lee, Peter T. K.); McClintick, J (McClintick, Jessica); Robertson, KN (Robertson, Katherine N.); Clyburne, JAC (Clyburne, Jason A. C.)

Source: MAIN GROUP CHEMISTRY Volume: 10 Issue: 3-4 Pages: 187-204 DOI: 10.3233/MGC-2011-0048 Published: 2011

Rajkovic S, 2009, BIOORG CHEM, V37, P173, DOI 10.1016/j.bioorg.2009.07.002

Record 1 of 2

Title: Zinc-Catalyzed Amide Cleavage and Esterification of beta-Hydroxyethylamides

Author(s): Kita, Y (Kita, Yusuke); Nishii, Y (Nishii, Yuji); Higuchi, T (Higuchi, Takafumi); Mashima, K (Mashima, Kazushi)

Source: ANGEWANDTE CHEMIE-INTERNATIONAL EDITION Volume: 51 Issue: 23 Pages: 5723-5726 DOI: 10.1002/anie.201201789 Published: 2012

Record 2 of 2

Title: Soluble artificial metalloproteases with broad substrate selectivity, high reactivity, and high thermal and chemical stabilities

Author(s): Kim, MG (Kim, Min Gyum); Yoo, SH (Yoo, Sang Ho); Chei, WS (Chei, Woo Suk); Lee, TY (Lee, Tae Yeon); Kim, HM (Kim, Hye Mi); Suh, J (Suh, Junghun)

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Rajkovic S., 2009, DALTON T, V39, P8370

Record 1 of 8

Title: Peptide Hydrolysis by Metal-Cyclen Complexes and Their Analogues: Insights from Theoretical Studies

Author(s): Zhang, TT (Zhang, Tingting); Zhu, XX (Zhu, Xiaoxia); Prabhakar, R (Prabhakar, Rajeev)

Source: ORGANOMETALLICS Volume: 33 Issue: 8 Pages: 1925-1935 DOI: 10.1021/om400903r Published: APR 28 2014

Record 2 of 8

Title: Mechanistic Insights into Metal (Pd²⁺, Co²⁺, and Zn²⁺)-beta-Cyclodextrin Catalyzed Peptide Hydrolysis: A QM/MM Approach

Author(s): Zhang, TT (Zhang, Tingting); Zhu, XX (Zhu, Xiaoxia); Prabhakar, R (Prabhakar, Rajeev)

Source: JOURNAL OF PHYSICAL CHEMISTRY B Volume: 118 Issue: 15 Pages: 4106-4114 DOI: 10.1021/jp502229s Published: APR 17 2014

Record 3 of 8

Title: Use of diethanolammonium-tetrachloridopalladate(II) complex in bioorganic modelling as artificial metallopeptidase in the reaction with N-acetylated L-methionylglycine dipeptide. NMR and DFT study of the hydrolytic reaction

Author(s): Petrovic, VP (Petrovic, Vladimir P.); Simijonovic, D (Simijonovic, Dusica); Petrovic, ZD (Petrovic, Zorica D.)

Source: JOURNAL OF MOLECULAR STRUCTURE Volume: 1060 Pages: 38-41 DOI: 10.1016/j.molstruc.2013.12.026 Published: FEB 24 2014

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Title: Synthesis of N-picolyloxycarbonyl amides via palladium-catalysed aminocarbonylation of iodobenzene and iodoalkenes

Author(s): Gergely, M (Gergely, Mate); Farkas, R (Farkas, Roland); Takacs, A (Takacs, Attila); Petz, A (Petz, Andrea); Kollar, L (Kollar, Laszlo)

Source: TETRAHEDRON Volume: 70 Issue: 2 Pages: 218-224 DOI: 10.1016/j.tet.2013.11.087 Published: JAN 14 2014

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Title: Gas-phase stabilized metal complexes of cyclic peptides - theoretical versus experimental study (Retracted article. See vol. 65, pg. 4441, 2012)

Author(s): Ivanova, B (Ivanova, Bojidarka); Spiteller, M (Spiteller, Michael)

Source: JOURNAL OF COORDINATION CHEMISTRY Volume: 65 Issue: 9 Pages: 1548-1568

DOI: 10.1080/00958972.2012.676166 Published: 2012

Record 6 of 8

Title: Kinetics and mechanism of the reactions of Ru(II)-arene complex with some biologically relevant ligands

Author(s): Rilak, A (Rilak, Ana); Petrovic, B (Petrovic, Biljana); Grguric-Sipka, S (Grguric-Sipka, Sanja); Tesic, Z (Tesic, Zivoslav); Bugarcic, ZD (Bugarcic, Zivadin D.)

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Published: AUG 23 2011

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Title: Equilibrium studies of the reactions of palladium(II) bis(imidazolin-2-imine) complexes with biologically relevant nucleophiles. The crystal structures of [(TLtBu)PdCl]ClO₄ and [(BLiPr)PdCl]₂

Author(s): Bogojeski, J (Bogojeski, Jovana); Jelic, R (Jelic, Ratimir); Petrovic, D (Petrovic, Dejan); Herdtweck, E (Herdtweck, Eberhardt); Jones, PG (Jones, Peter G.); Tamm, M (Tamm, Matthias); Bugarcic, ZD (Bugarcic, Zivadin D.)

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Title: Protonation and coordination ability of small peptides - theoretical and experimental approaches for elucidation

Author(s): Lamshoft, M (Lamshoeft, Marc); Ivanova, B (Ivanova, Bojidarka)

Source: JOURNAL OF COORDINATION CHEMISTRY Volume: 64 Issue: 14 Pages: 2419-2442

DOI: 10.1080/00958972.2011.598926 Published: 2011

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Title: Solid solution of two diastereomers of [3aR,S),7a(R,S)]-3-[(1 ' R)-1-phenylethyl]perhydro-1,3-benzothiazol-2-iminium chloride

Author(s): Plutecka, A (Plutecka, Agnieszka); Rychlewska, U (Rychlewska, Urszula); Prusinowska, N (Prusinowska, Natalia); Gawronski, J (Gawronski, Jacek)

Source: ACTA CRYSTALLOGRAPHICA SECTION B-STRUCTURAL SCIENCE Volume: 66 Pages: 678-686 DOI: 10.1107/S0108768110040760 Part: 6 Published: DEC 2010

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Record 1 of 2

Title: Macrocyclization of the ATCUN Motif Controls Metal Binding and Catalysis

Author(s): Neupane, KP (Neupane, Kosh P.); Aldous, AR (Aldous, Amanda R.); Kritzer, JA (Kritzer, Joshua A.)

Source: INORGANIC CHEMISTRY Volume: 52 Issue: 5 Pages: 2729-2735 DOI:

10.1021/ic302820z Published: MAR 4 2013

Record 2 of 2

Title: Interfacial templating of inorganic nanostructures using a growth directing and reducing peptide

Author(s): Leon, L (Leon, Lorraine); Su, W (Su, Wei); Matsui, H (Matsui, Hiroshi); Tu, R (Tu, Raymond)

Source: SOFT MATTER Volume: 7 Issue: 21 Pages: 10285-10290 DOI: 10.1039/c1sm05906h

Published: 2011

Rychlewska U, 2010, DALTON T, V39, P8906, DOI 10.1039/c0dt00163e

Record 1 of 5

Title: Transition metal complexes with oligopeptides: single crystals and crystal structures

Author(s): Lillo, V (Lillo, Vanesa); Galan-Mascaros, JR (Ramon Galan-Mascaros, Jose)

Source: DALTON TRANSACTIONS Volume: 43 Issue: 26 Pages: 9821-9833 DOI:

10.1039/c4dt00650j Published: 2014

Record 2 of 5

Title: Exploring the space of histidine containing dipeptides in search of novel efficient RCS sequestering agents

Author(s): Vistoli, G (Vistoli, Giulio); De Maddis, D (De Maddis, Danilo); Straniero, V (Straniero, Valentina); Pedretti, A (Pedretti, Alessandro); Pallavicini, M (Pallavicini, Marco); Valoti, E (Valoti, Ermanno); Carini, M (Carini, Marina); Testa, B (Testa, Bernard); Aldini, G (Aldini, Giancarlo)

Source: EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY Volume: 66 Pages: 153-160 DOI: 10.1016/j.ejmech.2013.05.009 Published: AUG 2013

Record 3 of 5

Title: Transforming dietary peptides in promising lead compounds: the case of bioavailable carnosine analogs

Author(s): Vistoli, G (Vistoli, Giulio); Carini, M (Carini, Marina); Aldini, G (Aldini, Giancarlo)

Source: AMINO ACIDS Volume: 43 Issue: 1 Pages: 111-126 DOI: 10.1007/s00726-012-1224-z

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Title: A spontaneous gold(I)-azide alkyne cycloaddition reaction yields gold-peptide bioconjugates which overcome cisplatin resistance in a p53-mutant cancer cell line

Author(s): Koster, SD (Koester, S. David); Alborzinia, H (Alborzinia, Hamed); Can, SZ (Can, Suzan); Kitanovic, I (Kitanovic, Igor); Wolfl, S (Woelfl, Stefan); Rubbiani, R (Rubbiani, Riccardo); Ott, I (Ott, Ingo); Riesterer, P (Riesterer, Phillip); Prokop, A (Prokop, Aram); Merz, K (Merz, Klaus); Metzler-Nolte, N (Metzler-Nolte, Nils)

Source: CHEMICAL SCIENCE Volume: 3 Issue: 6 Pages: 2062-2072 DOI: 10.1039/c2sc01127a

Published: 2012

Record 5 of 5

Title: Kinetics and mechanism of the reactions of Au(III) complexes with some biologically relevant molecules

Author(s): Djekovic, A (Djekovic, Ana); Petrovic, B (Petrovic, Biljana); Bugarcic, ZD (Bugarcic, Zivadin D.); Puchta, R (Puchta, Ralph); van Eldik, R (van Eldik, Rudi)

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Glisic BD, 2011, GOLD BULL, V44, P91, DOI 10.1007/s13404-011-0014-9

Record 1 of 2

Title: On the selection and design of proteins and peptide derivatives for the production of photoluminescent, red-emitting gold quantum clusters

Author(s): Soptei, B (Soptei, Balazs); Nagy, LN (Nagy, Livia Naszalyi); Baranyai, P (Baranyai, Peter); Szabo, I (Szabo, Ildiko); Mezo, G (Mezo, Gabor); Hudecz, F (Hudecz, Ferenc); Bota, A (Bota, Attila)

Source: GOLD BULLETIN Volume: 46 Issue: 3 Pages: 195-203 DOI: 10.1007/s13404-013-0100-2

Published: 2013

Record 2 of 2

Title: Investigation of reaction between quercetin and Au(III) in acidic media: mechanism and identification of reaction products

Author(s): Bondzic, AM (Bondzic, Aleksandra M.); Lazarevic-Pasti, TD (Lazarevic-Pasti, Tamara D.); Bondzic, BP (Bondzic, Bojan P.); Colovic, MB (Colovic, Mirjana B.); Jadranin, MB (Jadranin, Milka B.); Vasic, VM (Vasic, Vesna M.)

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Record 1 of 1

Title: Structures and thermal properties of strontium and barium 1,3-propanediaminetetraacetates

Author(s): Chen, ML (Chen, Mao-Long); Hou, YH (Hou, Yu-Hui); Xia, WS (Xia, Wen-Sheng); Zhou, ZH (Zhou, Zhao-Hui)

Source: JOURNAL OF COORDINATION CHEMISTRY Volume: 66 Issue: 11 Pages: 1906-1915 DOI: 10.1080/00958972.2013.788693 Published: JUN 1 2013

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Record 1 of 1

Title: Biennial review of planar chromatography: 2011-2013

Author(s): Sherma, J (Sherma, Joseph)

Source: CENTRAL EUROPEAN JOURNAL OF CHEMISTRY Volume: 12 Issue: 4 Pages: 427-452 DOI: 10.2478/s11532-013-0402-5 Published: APR 2014

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Record 1 of 2

Title: Preparation, configurational and DFT-NBO analysis of nickel(II) complexes with edta-type ligands containing six-membered backbone ring: crystal structure of [Ni(H₂O)(6)][Ni(1,3-pdta)]center dot 2H(2)O

Author(s): Belosevic, S (Belosevic, Svetlana); Vasojevic, MM (Vasojevic, Miorad M.); Jeremic, MS (Jeremic, Marija S.); Meetsma, A (Meetsma, Auke); Matovic, ZD (Matovic, Zoran D.)

Source: JOURNAL OF COORDINATION CHEMISTRY Volume: 66 Issue: 10 Pages: 1730-1745 DOI: 10.1080/00958972.2013.789104 Published: MAY 1 2013

Record 2 of 2

Title: Crystal structure, configurational and density functional theory analysis of nickel(II) complexes with pentadentate 1,3-pd3a-type ligands

Author(s): Belosevic, S (Belosevic, Svetlana); Cendic, M (Cendic, Marina); Djukic, M (Djukic, Maja); Vasojevic, M (Vasojevic, Miorad); Meetsma, A (Meetsma, Auke); Matovic, ZD (Matovic, Zoran D.)

Source: INORGANICA CHIMICA ACTA Volume: 399 Pages: 146-153 DOI:

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Glisic BD, 2012, DALTON T, V41, P6887, DOI 10.1039/c2dt30169e

Record 1 of 7

Title: Procalcitonin sensitive detection based on graphene-gold nanocomposite film sensor platform and single-walled carbon nanohorns/hollow Pt chains complex as signal tags

Author(s): Liu, F (Liu, Fei); Xiang, GM (Xiang, Guiming); Yuan, R (Yuan, Ruoyu); Chen, XM (Chen, Xuemei); Luo, FK (Luo, Fukang); Jiang, DN (Jiang, Dongneng); Huang, SG (Huang, Shaoguang); Li, Y (Li, Yi); Pu, XY (Pu, Xiaoyun)

Source: BIOSENSORS & BIOELECTRONICS Volume: 60 Pages: 210-217 DOI:

10.1016/j.bios.2014.03.071 Published: OCT 15 2014

Record 2 of 7

Title: Transition metal complexes with oligopeptides: single crystals and crystal structures

Author(s): Lillo, V (Lillo, Vanesa); Galan-Mascaros, JR (Ramon Galan-Mascaros, Jose)

Source: DALTON TRANSACTIONS Volume: 43 Issue: 26 Pages: 9821-9833 DOI:

10.1039/c4dt00650j Published: 2014

Record 3 of 7

Title: Engineering ultrasmall water-soluble gold and silver nanoclusters for biomedical applications

Author(s): Luo, ZT (Luo, Zhentao); Zheng, KY (Zheng, Kaiyuan); Xie, JP (Xie, Jianping)

Source: CHEMICAL COMMUNICATIONS Volume: 50 Issue: 40 Pages: 5143-5155 DOI:

10.1039/c3cc47512c Published: 2014

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Title: Gold(III) complexes with esters of cyclohexyl-functionalized ethylenediamine-N,N'-diacetate

Author(s): Pantelic, N (Pantelic, Nebojsa); Zmejkovski, BB (Zmejkovski, Bojana B.); Trifunovic-Macedoljan, J (Trifunovic-Macedoljan, Jelena); Savic, A (Savic, Aleksandar); Stankovic, D (Stankovic, Dalibor); Damjanovic, A (Damjanovic, Ana); Juranic, Z (Juranic, Zorica); Kaluderovic, GN (Kaluderovic, Goran N.); Sabo, TJ (Sabo, Tibor J.)

Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 128 Special Issue: SI Pages: 146-153 DOI: 10.1016/j.jinorgbio.2013.08.002 Published: NOV 2013

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Title: Insights into the Reactivity of Gold-Dithiocarbamate Anticancer Agents toward Model Biomolecules by Using Multinuclear NMR Spectroscopy

Author(s): Boscutti, G (Boscutti, Giulia); Marchio, L (Marchio, Luciano); Ronconi, L (Ronconi, Luca); Fregona, D (Fregona, Dolores)

Source: CHEMISTRY-A EUROPEAN JOURNAL Volume: 19 Issue: 40 Pages: 13428-13436 DOI: 10.1002/chem.201302550 Published: SEP 27 2013

Record 6 of 7

Title: On the selection and design of proteins and peptide derivatives for the production of photoluminescent, red-emitting gold quantum clusters

Author(s): Soptei, B (Soeppei, Balazs); Nagy, LN (Nagy, Livia Naszalyi); Baranyai, P (Baranyai, Peter); Szabo, I (Szabo, Ildiko); Mezo, G (Mezo, Gabor); Hudecz, F (Hudecz, Ferenc); Bota, A (Bota, Attila)

Source: GOLD BULLETIN Volume: 46 Issue: 3 Pages: 195-203 DOI: 10.1007/s13404-013-0100-2

Published: 2013

Record 7 of 7

Title: Observation of Cluster Size Growth in CO-Directed Synthesis of Au-25(SR)(18) Nanoclusters

Author(s): Yu, Y (Yu, Yong); Luo, ZT (Luo, Zhentao); Yu, Y (Yu, Yue); Lee, JY (Lee, Jim Yang); Xie, JP (Xie, Jianping)

Source: ACS NANO Volume: 6 Issue: 9 Pages: 7920-7927 DOI: 10.1021/nn3023206 Published: SEP 2012

Rajkovic S, 2013, POLYHEDRON, V65, P42, DOI 10.1016/j.poly.2013.08.016

Record 1 of 2

Title: Synthesis, crystal structures, and catalytic oxidation properties of oxidovanadium(V) complexes with Schiff base ligands

Author(s): Yang, KH (Yang, Kui-Hua)

Source: TRANSITION METAL CHEMISTRY Volume: 39 Issue: 4 Pages: 469-475 DOI: 10.1007/s11243-014-9821-1 Published: MAY 2014

Record 2 of 2

Title: Synthesis, Crystal Structures, and Catalytic Oxidation Properties of Oxidovanadium(V) Complexes with Hydrazone and Hydroxamate Ligands

Author(s): Yang, KH (Yang, Kui-Hua)

Source: ACTA CHIMICA SLOVENICA Volume: 61 Issue: 3 Pages: 629-636 Published: 2014

Asanin DP, 2013, POLYHEDRON, V51, P255, DOI 10.1016/j.poly.2012.12.037

Record 1 of 2

Title: Synthesis, spectroscopic studies, antimicrobial activities and antitumor of a new monodentate V-shaped Schiff base and its transition metal complexes

Author(s): Ramadan, RM (Ramadan, Ramadan M.); Abu Al-Nasr, AK (Abu Al-Nasr, Ahmad K.); Noureldeen, AFH (Noureldeen, Amani F. H.)

Source: SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR

SPECTROSCOPY Volume: 132 Pages: 417-422 DOI: 10.1016/j.saa.2014.04.151 Published: NOV 11 2014

Record 2 of 2

Title: Synthesis, characterization and preliminary reactivity behaviors with transitional metals of a new polydentate N-donor ligand

Author(s): Chen, W (Chen, Wei); Chu, JF (Chu, Jin-Feng); Wang, YQ (Wang, You-Qing)

Source: JOURNAL OF MOLECULAR STRUCTURE Volume: 1068 Pages: 237-244 DOI: 10.1016/j.molstruc.2014.04.031 Published: JUN 25 2014

Rajkovic S, 2014, POLYHEDRON, V67, P279, DOI 10.1016/j.poly.2013.09.008

Record 1 of 1

Title: Complex salts of [ReII(NO) Br4(pyz)]-: synthesis, crystal structures, studies

Author(s): Pacheco, M (Pacheco, Mario); Cuevas, A (Cuevas, Alicia); Gonzalez-Platas, J (Gonzalez-Platas, Javier); Gancheff, JS (Gancheff, Jorge S.); Kremer, C (Kremer, Carlos)

Source: JOURNAL OF COORDINATION CHEMISTRY Volume: 67 Issue: 23-24 Special Issue: SI
Pages: 4028-4038 DOI: 10.1080/00958972.2014.959003 Published: 2014
