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COVER PICTURE

The cover picture shows a chain of seven metal atoms parallel to a chain of Chinese friendship symbols (locks which people like to fix at high lookout points and then throw the keys down). The background photo was taken in the Chinese Huangshan mountains, but it relates to friendship grown in Fraiburg, Germany, and symbolizes a truly international scientific collaboration. As a result, the Chinese author of this paper has prepared the chainlike Fe–C–N–Ni–Ni–Ni–Ni–Ni–N–C–Fe complex, while the senior author is the godfather of his daughter, the energetic baby with the name Freia, pregnant with meaning. Details are discussed in the article by H. Vahrenkamp et al. on p. 3731 ff.



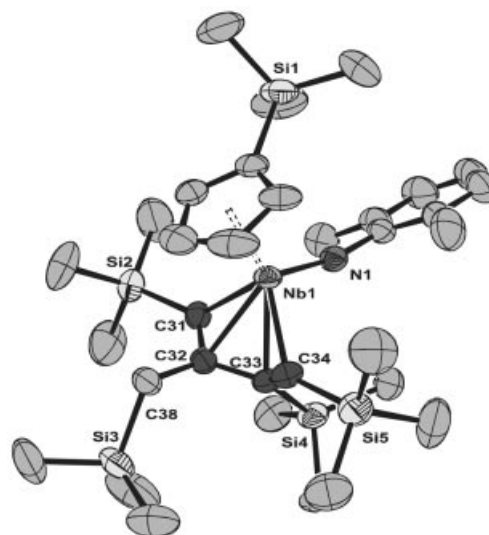
MICROREVIEW

Contents

3681 M. Gómez

(Alkyl)(monocyclopentadienyl)niobium and
 -tantalum Complexes in Insertion Processes

Keywords: Niobium / Tantalum / Cyclopentadienyl
 ligands / Insertions



SHORT COMMUNICATIONS

3699 B. Yang, C. Li, H. Hu, X. Yang, Q. Li, Y. Qian*



A Room-Temperature Route to Bismuth Nanotube Arrays

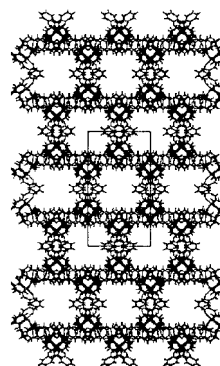
Keywords: Bismuth / Nanostructures / Nanotubes / Synthesis design



3703 M. Fondo,* A. M. García-Deibe, J. Sanmartín, M. R. Bermejo, L. Lezama, T. Rojo

A Binuclear Copper(II) Acetate Complex Showing a 3D Supramolecular Network with Hydrophilic Pockets: Its Unusual Magnetic Behaviour

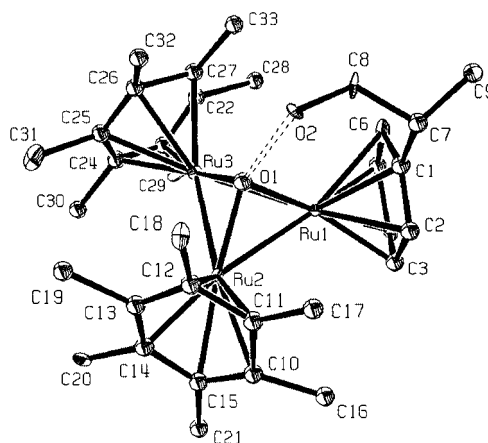
Keywords: 3D network / Copper / Magnetic properties / Bridging ligands / Intermolecular interactions



3707 L. Vieille-Petit, B. Therrien, G. Süß-Fink*

Chiral Arene Ruthenium Complexes: Synthesis and Molecular Structure of the Enantiopure Cluster Cation $(S)\text{-}[\text{H}_3\text{Ru}_3\{\text{C}_6\text{H}_5[\text{CH}(\text{CH}_3)\text{-CH}_2\text{OH}]\}(\text{C}_6\text{Me}_6)_2(\text{O})]^+$

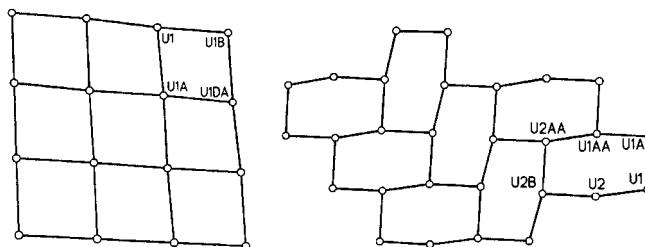
Keywords: Arene ligands / Chirality / Cluster compounds / Ruthenium



3712 Y.-R. Xie, H. Zhao, X.-S. Wang, Z.-R. Qu, R.-G. Xiong,* X. Xue, Z. Xue, X.-Z. You

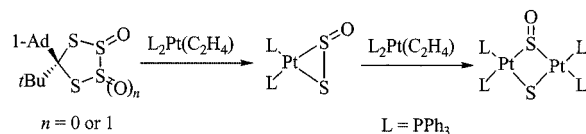
2D Chiral Uranyl(VI) Coordination Polymers with Second-Harmonic Generation Response and Ferroelectric Properties

Keywords: Chirality / Polymers / Uranium / Crystal engineering / SHG properties



3716 A. Ishii,* M. Murata, H. Oshida,
K. Matsumoto, J. Nakayama*

Oxosulfido Complexes of Platinum –
(Ph₃P)₂Pt(S₂O) and (Ph₃P)₄Pt₂(μ-S)(μ-SO) –
Their Formation and Properties

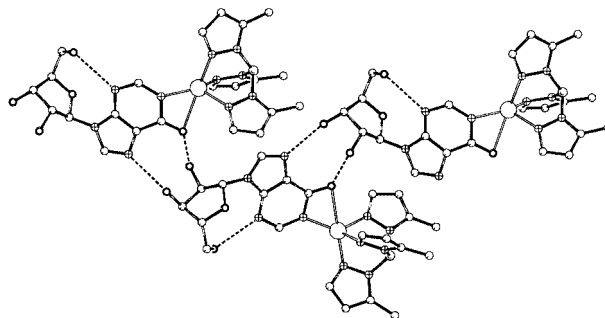


Keywords: Platinum / S ligands / Oxo ligands

FULL PAPERS

3723 D. Badura, H. Vahrenkamp*

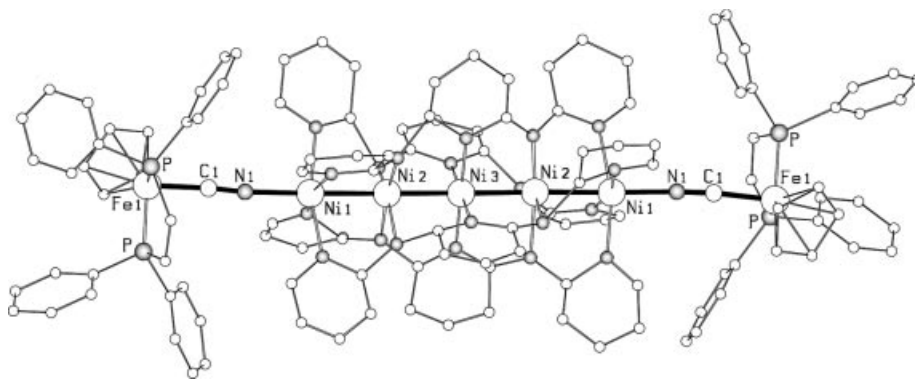
Pyrazolylboratozinc Complexes of Nucleosides
and Nucleoside Analogues



Keywords: Zinc / Nucleosides / Bioinorganic chemistry / N ligands

3731 T. Sheng, R. Appelt, V. Comte,
H. Vahrenkamp*

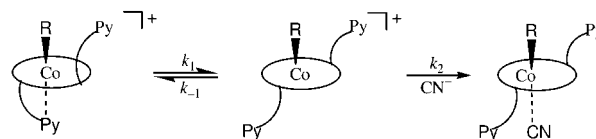
Chain-Like Tetra-, Penta- and Heptanuclear
Cyanide-Bridged Complexes by Attachment of
Organometallic Cyanides to M₂, M₃ and M₅
Units



Keywords: Cyanides / Polynuclear complexes / Metal-metal interactions / Electrochemistry

3738 B. M. Alzoubi, M. S. A. Hamza, A. Felluga,
L. Randaccio, G. Tazher, R. van Eldik*

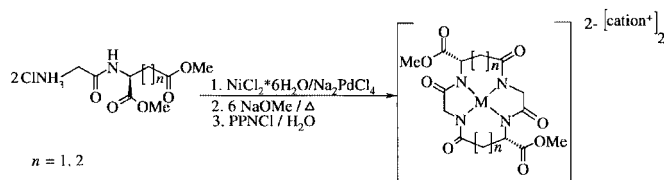
Coenzyme B₁₂ Model Studies – Kinetics of
Axial Ligation of Alkylcobalt Complexes Con-
taining a Tridentate Amino-Oximate Ligand



Keywords: Ligand substitution / Cobalt / Kinetics / Mechanism / Enzymes / High-pressure chemistry

3745 J. Schapp, K. Haas, K. Sünkel, W. Beck*

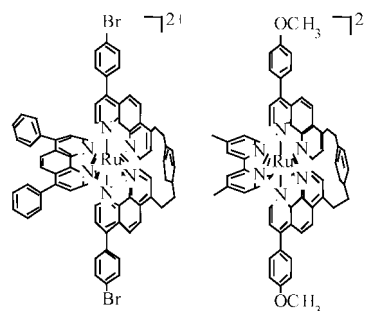
Cyclotetrapeptide Complexes of Nickel(II) and Palladium(II) by Template Synthesis from Dipeptide Esters with Functionalized Side Chains – Crystal Structure of [(*cyclo*-Gly-β-Ala-Gly-β-Ala-4H⁺)Cu](PPN)₂



Keywords: Peptides / Nickel / Palladium / Copper

**3752 C. Goze, J.-C. Chambron, V. Heitz,*
D. Pomeranc, X. J. Salom-Roig,
J.-P. Sauvage,* A. F. Morales,
F. Barigelletti***

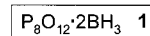
Long-Lived MLCT Excited States-Ru^{II} Complexes with a Helical Bis-Phen Ligand



Keywords: Luminescence / N ligands / Photochemistry / Ruthenium

3759 A. Tellenbach, M. Jansen*

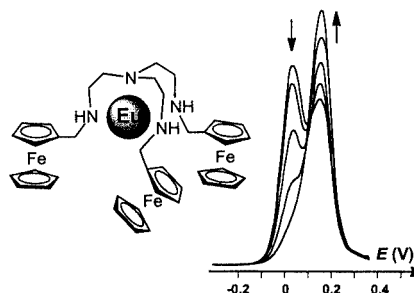
P₈O₁₂·2BH₃ – The Borane Adduct of a New Molecular Phosphorus Oxide



Keywords: Phosphorus / Phosphorus oxides / Boranes / Cage compounds / Dimerization

**3767 M. Heitzmann, J.-C. Moutet,* J. Pécaut,
O. Reynes, G. Royal,* E. Saint-Aman,
G. Serratrice**

Modulation of the Communication between Redox Centers in a Tris(ferrocene)-tren Ligand by Complexation of Lanthanide Ions

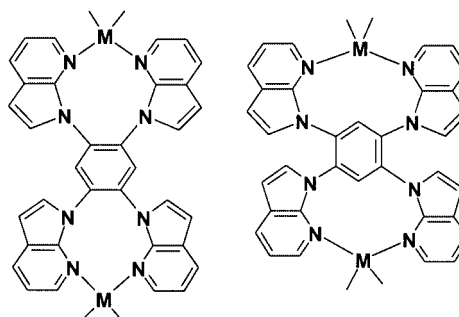


Keywords: Sandwich complexes / Electrostatic interactions / Electrochemistry / Lanthanides

3774 D. Song, S. Wang*



Pd^{II}, Zn^{II} and Ag^I Complexes of Tetrakis-(*N*-7-azaindoly)benzene: Variation of Bonding Modes, Extended Structures and Luminescence



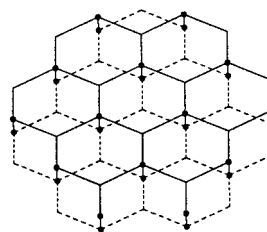
Keywords: N ligands / Coordination modes / Palladium / Zinc / Silver / Luminescence

3783 S.-Y. Wan, Y.-Z. Li, T. Okamura, J. Fan,
W.-Y. Sun,* N. Ueyama



Syntheses, Structures, and Properties of Two-Dimensional Honeycomb Networks from the Assembly of the Tripodal Ligand 2,4,6-Tris[4-(imidazol-1-ylmethyl)phenyl]-1,3,5-triazine with Metal Salts

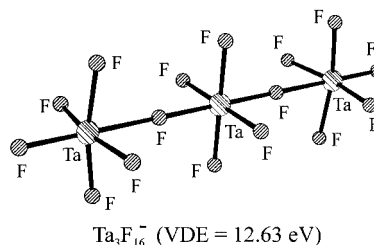
Keywords: Tripodal ligands / Zinc / Nickel / Supramolecular chemistry / Organic-inorganic hybrid composites



3790 M. Sobczyk, A. Sawicka, P. Skurski*

Theoretical Search for Anions Possessing Large Electron Binding Energies

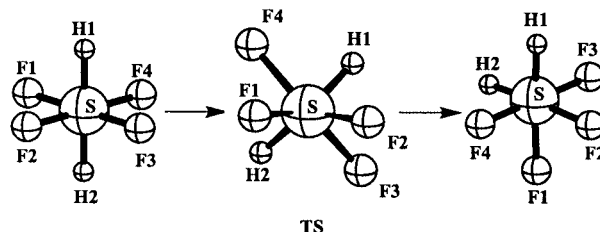
Keywords: Anions / Superhalogens / Electron-binding energy



3798 Y. Steudel, R. Steudel*

Structures of the Octahedral Persulfuranes H_4SF_2 , H_2SF_4 , Me_2SH_4 and Me_2SF_4 , and Activation Enthalpies for Their *cis/trans* Isomerization

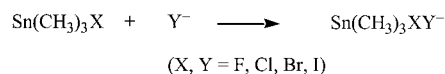
Keywords: Hypercoordinate molecules / Ab initio calculations / Transition states / Isomerism / Sulfur / Fluorides



3803 F. De Proft, R. Vivas-Reyes, M. Biesemans,
R. Willem, J. M. L. Martin, P. Geerlings*

Density Functional Study of the Complexation Reaction of $\text{Sn}(\text{CH}_3)_3\text{X}$ (X = F, Cl, Br and I) with Halide Anions

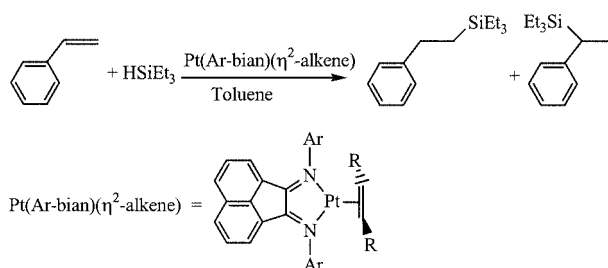
Keywords: Tin / Halides / HSAB / Density functional calculations / NMR spectroscopy



3811 J. W. Sprengers, M. de Greef, M. A. Duin,
C. J. Elsevier*

Stable Platinum(0) Catalysts for Catalytic Hydrosilylation of Styrene and Synthesis of $[\text{Pt}(\text{Ar-bian})(\eta^2\text{-alkene})]$ Complexes

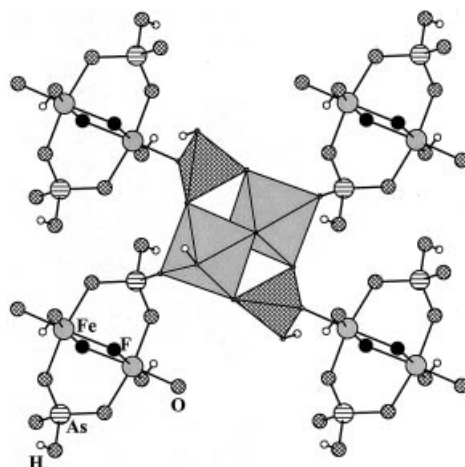
Keywords: Platinum / Hydrosilylations / N ligands / Homogeneous catalysis / Alkene ligands



3820 S. Chakrabarti, S. K. Pati, M. A. Green,
S. Natarajan*

Synthesis, Structure and Magnetic Properties of
a New Iron Arsenate, $[\text{C}_{10}\text{N}_4\text{H}_{28}][\{\text{FeF}(\text{OH})\text{-(HAsO}_4)_4\}]$, with a Layer Structure

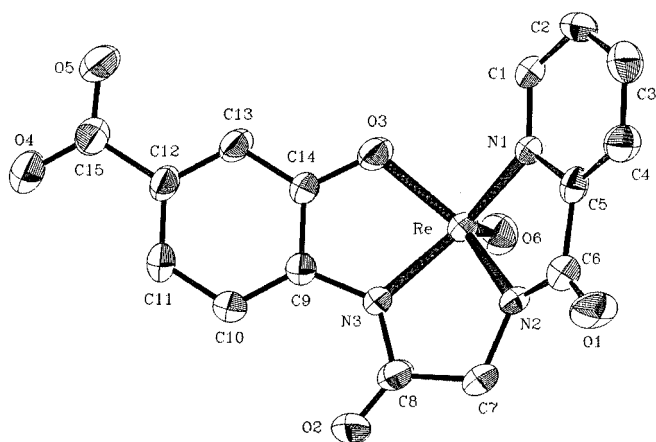
Keywords: Iron / Arsenic / Solvothermal synthesis /
N ligands



3826 M. Papachristou, I. Pirmettis,
T. Siatra-Papastaikoudi, M. Pelecanou,
C. Tsoukalas, C. P. Raptopoulou, A. Terzis,
E. Chiotellis, M. Papadopoulos*

Synthesis and Characterization of Oxorhenium
and Oxotechnetium Complexes with a Novel
Tetradentate N_3O Bifunctional Agent

Keywords: Rhenium / Technetium / N_3O ligands /
Radiopharmaceuticals



CORRECTION

3831 Rosa M. Claramunt, Pilar Cornago,
Mercedes Cano,* José V. Heras,
M. Luz Gallego, Elena Pinilla,
M. Rosario Torres

New Tris(pyrazolyl)triazine and Pyrazolylpyridine
Gold(I) and Palladium(II) Derivatives
Based on the 3,5-Bis(4-butoxyphenyl)pyrazole
Group – Architectures with Different Types of
Bonding Interactions

Keywords: Gold / Hydrogen bonds / Palladium /
Supramolecular Chemistry / Triazine