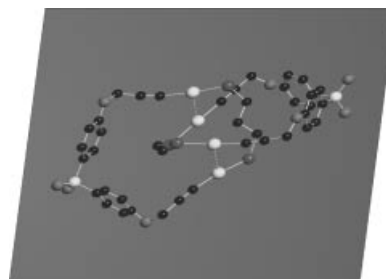


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www.interscience.wiley.com/alerts

COVER PICTURE

The cover picture shows a self-assembled [2]catenane, with two interpenetrating 24-membered digold rings and with intermolecular aurophilic attractions as a key feature. Details are discussed in the article by R. J. Puddephatt et al. on p. 217 ff.



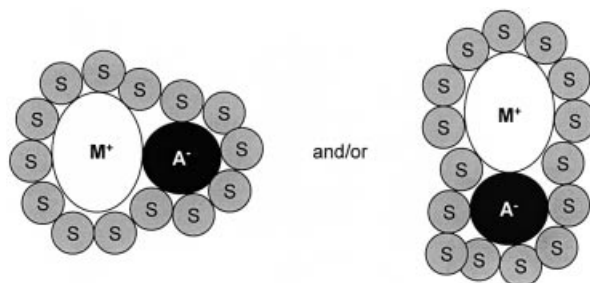
MICROREVIEW

Contents

195 A. Macchioni

Elucidation of the Solution Structures of Transition Metal Complex Ion Pairs by NOE NMR Experiments

Keywords: Ion pairs / NMR spectroscopy / Transition metals

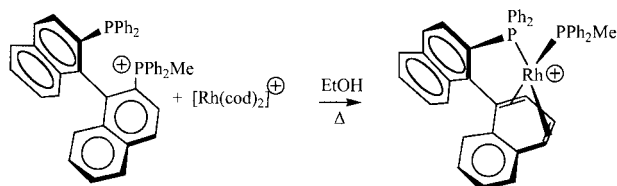


SHORT COMMUNICATIONS

- 207 M. Soleilhavoup, L. Viau, G. Commenges,
C. Lepetit, R. Chauvin*

The η^5 -(σ -P, ν -Arene) Chelating H-MOP Ligand
in an Optically and Catalytically Active Rhodium(I) Complex

Keywords: Phosphane ligands / Arene ligands / Atropisomerism / Rhodium / NMR spectroscopy / Asymmetric catalysis

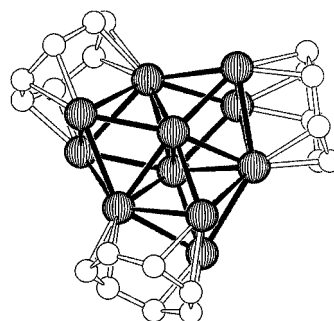


- 213 R. Della Pergola,* E. Comensoli,
L. Garlaschelli, M. Manassero,*
M. Sansoni, D. Strumolo



Rhodium Clusters Substituted by Cycloheptatrienyl Ligands: Synthesis and Solid-State Structure of $[\text{Rh}_{11}(\text{CO})_{14}(\mu_3\text{-}\eta^2\text{:}\eta^3\text{:}\eta^2\text{-C}_7\text{H}_7)_3]$

Keywords: Rhodium / Carbocycles / Cluster compounds / Carbonyl ligands

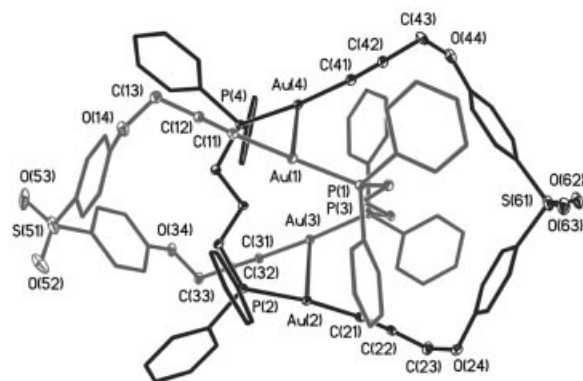


FULL PAPERS

- 217 F. Mohr, M. C. Jennings, R. J. Puddephatt*

Gold(I) Macrocycles and [2]Catenanes Containing
Sulfone-Functionalised Diacetylide Ligands

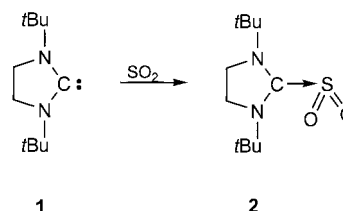
Keywords: Self assembly / Catenanes / Macrocycles / Gold / Aurophilicity



- 224 M. K. Denk,* K. Hatano, A. J. Lough

Synthesis and Characterization of a Carbene•
 SO_2 Adduct

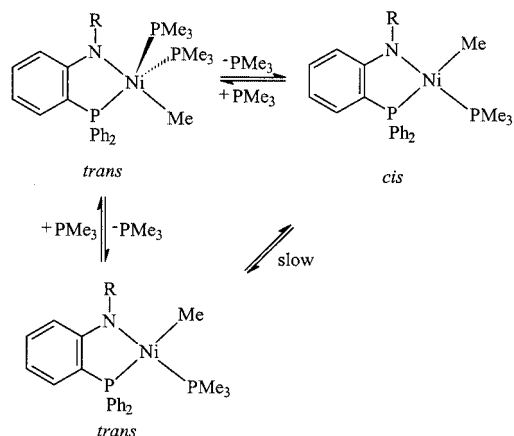
Keywords: Carbenes / Sulfenes / Density functional calculations / Thermochemistry / Sulfur ylides



232 H.-F. Klein,* R. Beck, O. Hetche

Dynamic Properties of Methyl(trimethylphosphane)nickel Complexes Containing (2-Diphenylphosphanyl)phenylamido Ligands

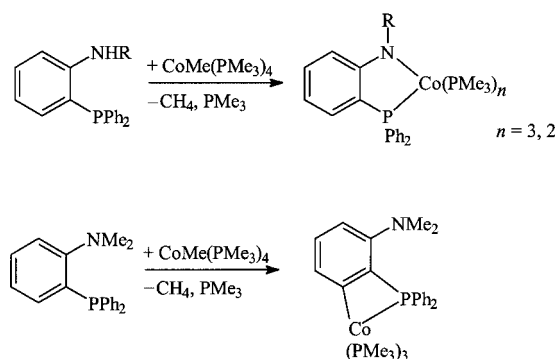
Keywords: Solution dynamics / Nickel / Coordination numbers 4 and 5 / Structure elucidation



240 H.-F. Klein,* R. Beck, U. Flörke, H.-J. Haupt

Fluxional and Rigid (Trimethylphosphane)-cobalt Complexes Containing Chelating (2-Diphenylphosphanyl)anilido Ligands

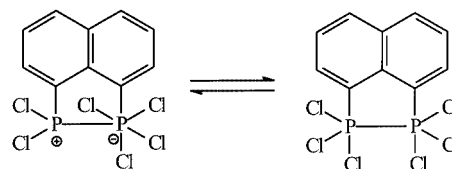
Keywords: Chelates / Cobalt / P ligands / Structure elucidation



249 P. Kilian, D. Philp, A. M. Z. Slawin, J. D. Woollins*

Use of Molecular Scaffolding for the Stabilization of an Intramolecular Dative P^{III}-P^V System

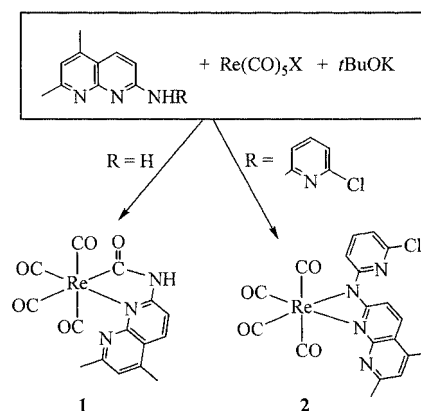
Keywords: Phosphorus heterocycles / Strained molecules / Neighbouring-group effects / Phosphorus-phosphorus bond



255 J.-L. Zuo, W.-F. Fu, C.-M. Che,* K.-K. Cheung

Synthesis, Crystal Structure, and Photoluminescent Properties of a Tetracarbonyl(naphthylidylcarbamoyl)rhenium(I) Complex and a Highly Emissive Tetracarbonyl(naphthylidylamido)-rhenium(I) Complex

Keywords: Carbonyl ligands / N ligands / Photoluminescence / Rhenium / Structure elucidation

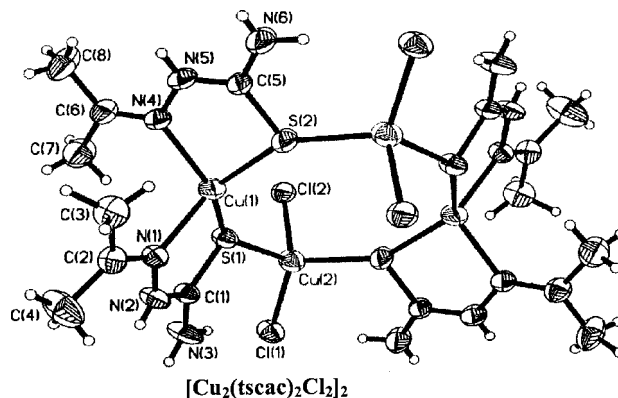


263

S. Lhuachan, S. Siripaisarnpipat,*
N. Chaichit

Synthesis, Spectra and Crystal Structure of Two Copper(I) Complexes of Acetonethiosemicarbazone

Keywords: Copper / Electrochemistry / Schiff bases / IR spectroscopy



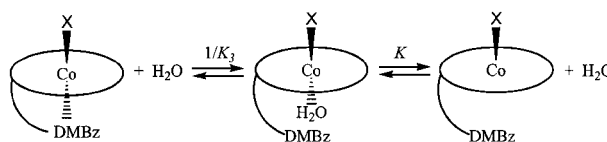
268

M. S. A. Hamza, Y. Zou, K. L. Brown,
R. van Eldik*



Thermodynamic and Kinetic Data for the Base-On/Base-Off Equilibration of Alkylcobalamins

Keywords: Alkylcobalamins / Metal–carbon bond / Kinetics / High-pressure chemistry / Catalysis

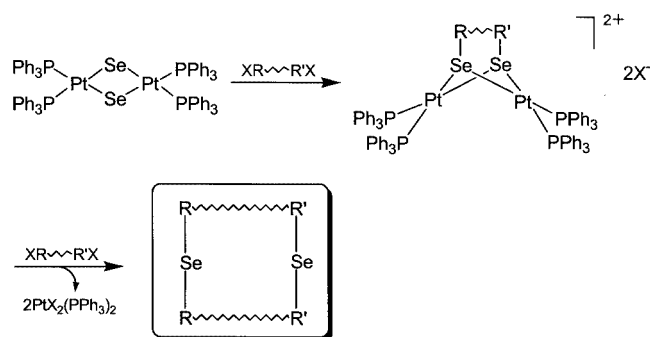


277

J. S. L. Yeo, J. J. Vittal, T. S. A. Hor*

Facile Metal-Mediated Synthesis of Macrocyclic Diselenoethers

Keywords: Platinum / Selenium / Alkylation / Metallocycles / Synthesis design

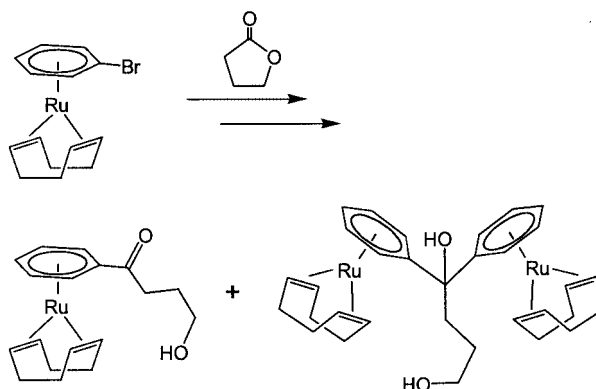


281

G. Bodes, F. W. Heinemann, G. Jobi,
J. Klodwig, S. Neumann, U. Zenneck*

Halogen Atoms as Reactive Centers for the Introduction of Functional Side Chains into (Arene)ruthenium(0) Complexes

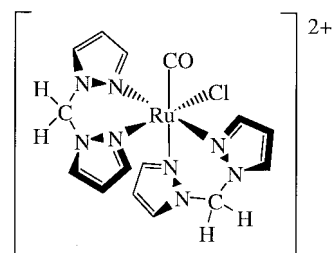
Keywords: Arene complexes / Electrophilic substitution / Lithiation / Ruthenium



293 B. A. Messerle,* V.-A. Tolhurst, P. Turner

Synthesis, Structure and Reactivity of Ruthenium(II) Carbonyl Complexes Containing Bis(pyrazol-1-yl)methane and Bis(*N*-methylimidazol-2-yl)methane

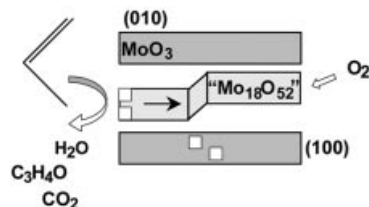
Keywords: N ligands / Ruthenium / Structure elucidation / Reactivity



301 T. Ressler,* J. Wienold, R. E. Jentoft, F. Girgsdies

Evolution of Defects in the Bulk Structure of MoO₃ During the Catalytic Oxidation of Propene

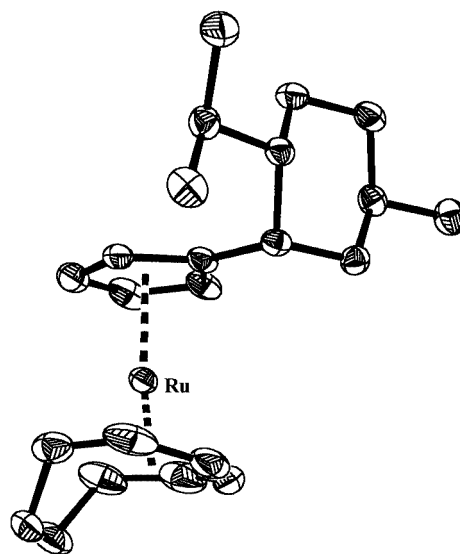
Keywords: Molybdenum / EXAFS spectroscopy / X-ray diffraction / Heterogeneous catalysis / Oxidation



313 X. Zhang, M. H. Prosenc, T. Meyer-Friedrichsen, J. Heck*

[(η⁶-Cyclooctatetraene){η⁵-(+)-neomenthylcyclopentadienyl}ruthenium(II)] Hexafluorophosphate: Synthesis and Characterization of a Chiral Mixed Sandwich Complex

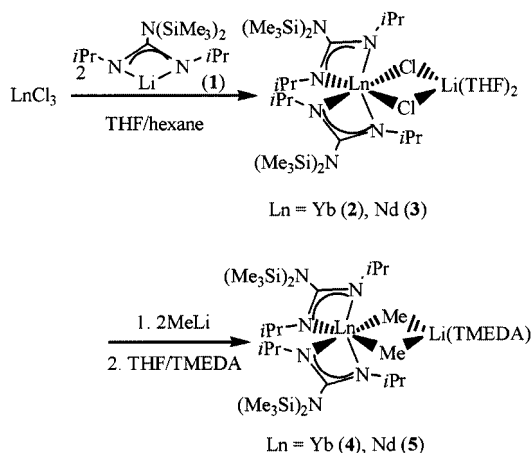
Keywords: Chirality / Cyclopentadienyl ligands / Sandwich complexes / Ruthenium



318 Y. Luo, Y. Yao, Q. Shen,* K. Yu, L. Weng

Synthesis and Characterization of Lanthanide(III) Bis(guanidinate) Derivatives and the Catalytic Activity of Methylanthanide Bis(guanidinate) Complexes for the Polymerization of ε-Caprolactone and Methyl Methacrylate

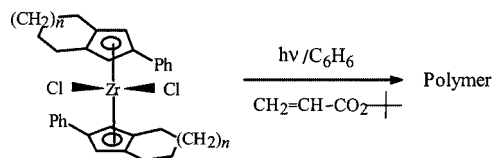
Keywords: Lanthanides / N ligands / Structure elucidation / Polymerization / ε-Caprolactone / Methyl methacrylate



324 E. Polo,* A. Barbieri, O. Traverso

The Effect of Phenyl Substituents on the Activity of Some Zirconocene Photoinitiators

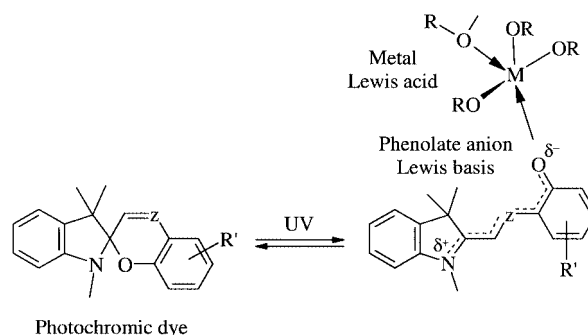
Keywords: Homogeneous catalysis / Metallocenes / Photolysis / Polymerisation / Zirconium



331 A. Lafuma, S. Chodorowski-Kimmes,
F. X. Quinn, C. Sanchez*

Photochromic Properties of a Spirooxazine and a Spiropyran in Alcoholic Solutions of Zirconium and Aluminium Alkoxides: Influence of the Ethyl Acetoacetate Chelating Agent on the Optical Properties

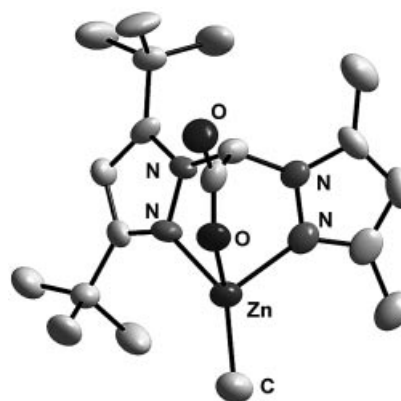
Keywords: Alkoxides / Sol-gel processes / Spiro compounds / Photochromism / Aluminium / Zirconium



339 I. Hegelmann, A. Beck, C. Eichhorn,
B. Weibert, N. Burzlaff*

Alkylzinc Complexes with Achiral and Chiral Monoanionic *N,N,O* Heteroscorpionate Ligands

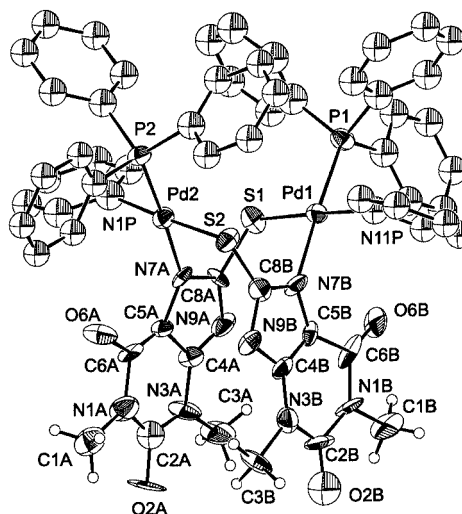
Keywords: Scorpionate ligands / Zinc / Bioinorganic chemistry / Tripodal ligands / N ligands



348 A. Romerosa,* C. López-Magaña,
M. Saoud, S. Mañas

New Dinuclear Palladium Phosphane Complexes Stabilised by 8-Thiotheophylline

Keywords: Palladium / Nucleobases / Bioinorganic chemistry / P ligands

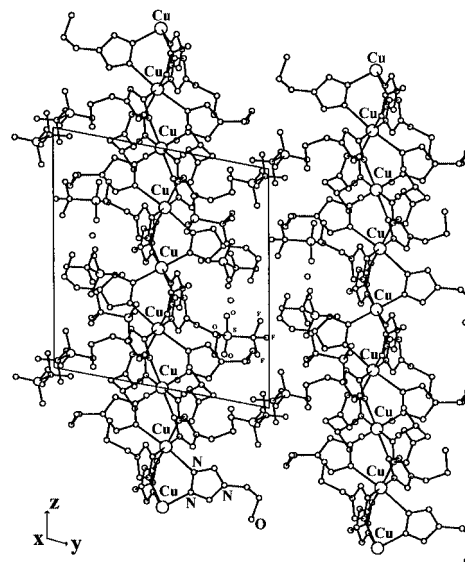


356

Y. Garcia,* P. J. van Koningsbruggen,
G. Bravic, D. Chasseau, O. Kahn

A Cu^{II} Chain Compound Showing a Ferromagnetic Coupling through Triple *N*¹,*N*²-1,2,4-Triazole Bridges

Keywords: Chain structures / Copper / N ligands / Bridging ligands / Magnetic properties



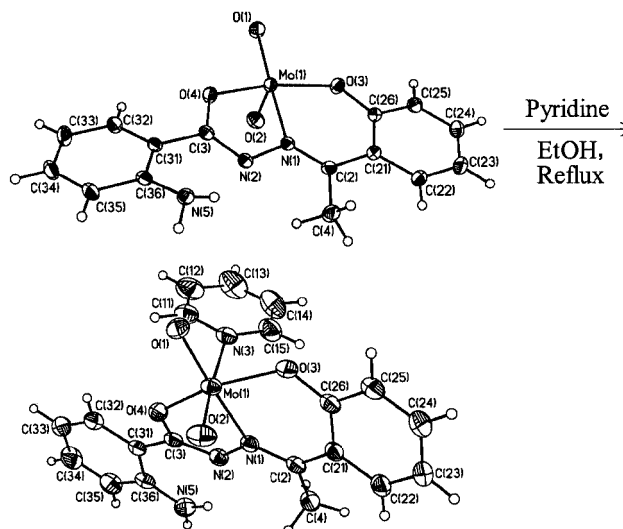
363

R. Dinda, P. Sengupta, S. Ghosh,*
W. S. Sheldrick



Synthesis, Structure, and Reactivity of a New Mononuclear Molybdenum(VI) Complex Resembling the Active Center of Molybdenum Oxotransferases

Keywords: Molybdenum / Bioinorganic chemistry / Substrate binding / Enzyme models



370

Z. Kang, E. Wang,* M. Jiang, S. Lian,
Y. Li, C. Hu

Convenient Controllable Synthesis of Inorganic 1D Nanocrystals and 3D High-Ordered Microtubes

Keywords: Nanotubes / Polyoxometalates / Synthetic methods



CORRECTION

377

S. Sjövall, M. H. Johansson, C. Andersson*

A New Highly Active Diphosphane-Palladium(II) Complex as a Catalyst Precursor for the Heck Reaction