EurJIC
European Journal of Inorganic Chemistry

Issue 14/2006

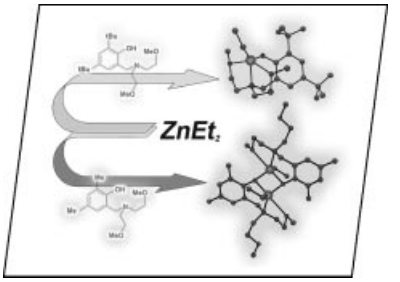
Pages 2713–2912

Papers available ahead of print in Early View at www.interscience.wiley.com

Earliest available Table of Contents:
Automatically, free of charge by e-mail through
www.interscience.wiley.com/alerts

COVER PICTURE

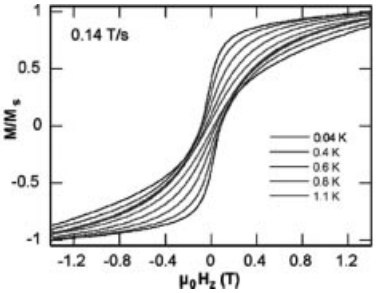
The cover picture shows the two types of complexes formed by the reaction of diethylzinc and tripodal monoanionic amine mono(phenolate) ligand precursors bearing two methoxy sidearm donors. The ligand precursor bearing bulky (*t*Bu) phenolate substituents leads cleanly to a mono(ethyl) mononuclear zinc complex in which the two methoxy sidearm donors are bound to the metal atom as confirmed by spectroscopic data and X-ray structure analysis. The ligand precursors bearing less bulky phenolate substituents lead cleanly to dinuclear pentacoordinate complexes that are bridged by phenolate oxygen atoms, and only one of the two sidearm donors is bound. Details are discussed in the article by M. Kol et al. on p. 2739 ff.



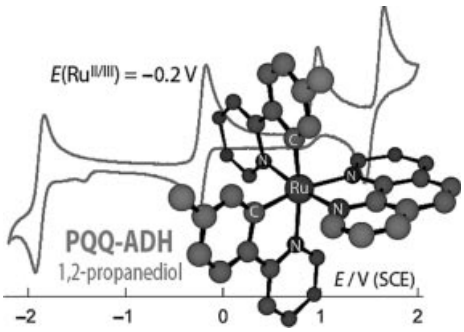
MICROREVIEW

Contents

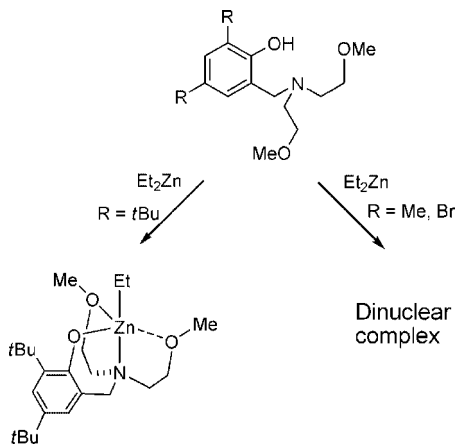
Keywords: Benzotriazole / Clusters / Transition metals / Large spin ground states / Single-molecule magnets

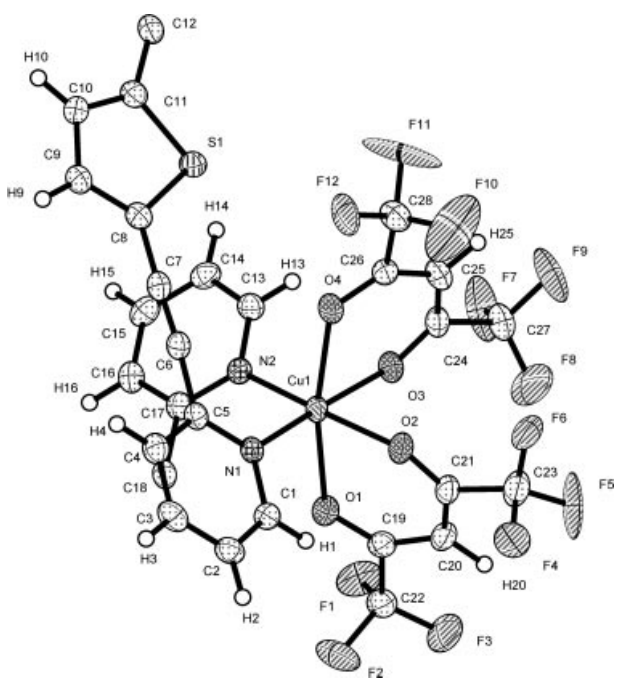


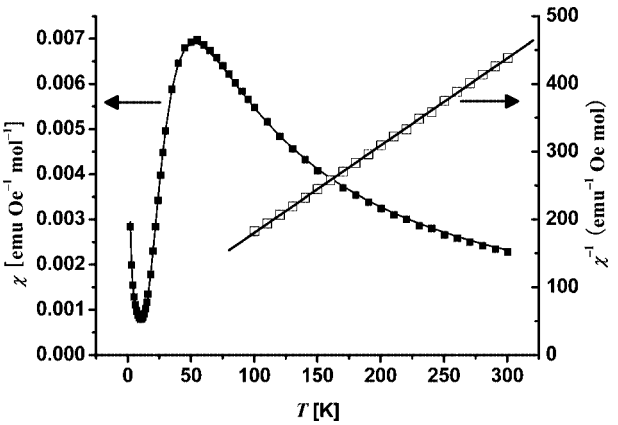
SHORT COMMUNICATIONS

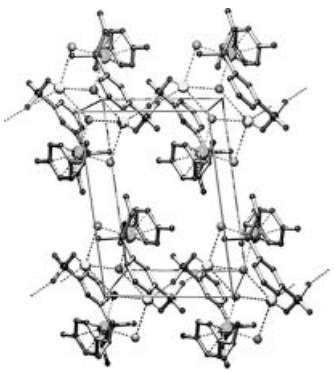


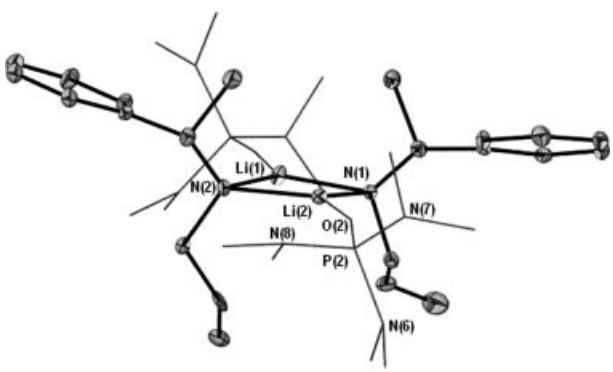
FULL PAPERS

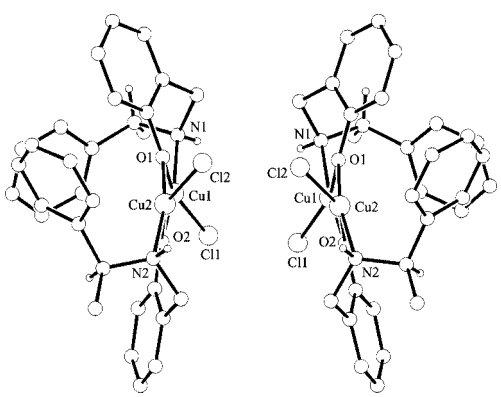








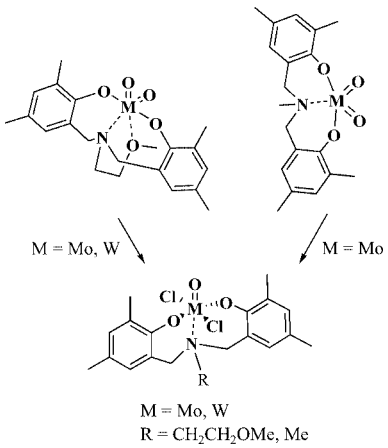




2878 **A. Lehtonen,* R. Sillanpää**

Reactions of Aminobis(phenolate)-Supported Dioxidotungsten(VI) and Dioxidomolybdenum(VI) Complexes

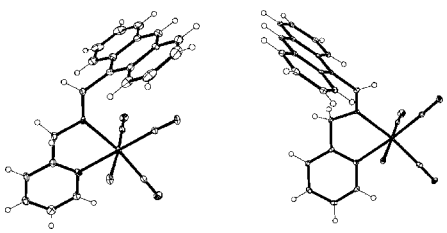
Keywords: Molybdenum / Tungsten / Oxido ligands / N,O ligands / Halides



2885 **C. Garino, S. Ghiani, R. Gobetto, C. Nervi,* L. Salassa, G. Croce, M. Milanesio, E. Rosenberg,* J. B. A. Ross**

Tricarbonylchlororhenium(I) Carboxaldimine Derivatives: Synthesis, Structure, and NMR Characterization of *Z* and *E* Isomers

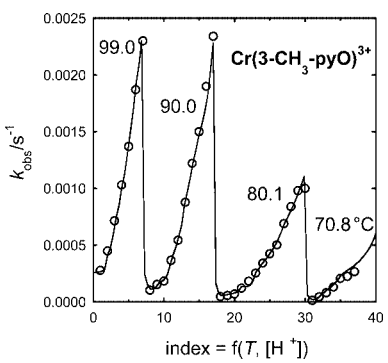
Keywords: *E*/*Z* isomerization / Density functional calculations / N ligands / Rhenium



2894 **M. Kotowski, R. Marcec, V. Butkovic, A. Bakac,* M. Orhanovic**

Preparation, Characterization, and Aquation Kinetics of Pyridine *N*-Oxide Complexes of Chromium(III)

Keywords: Pyridine oxide / Chromium / Kinetics / Mechanism / Aquation



2900 **S.-L. Li, J.-Y. Wu, Y.-P. Tian,* H. Ming, P. Wang, M.-H. Jiang, H.-K. Fun**

Design, Crystal Growth, Characterization, and Second-Order Nonlinear Optical Properties of Two New Three-Dimensional Coordination Polymers Containing Selenocyanate Ligands

Keywords: Self-assembly / Coordination polymer / Crystal growth / Nonlinear optical properties