

6 Publications Arising from this Thesis

Review

Metal-Directed Macrocyclization Reactions Involving Formaldehyde, Amines and Mono- and Bi-Functional Methylene Compounds

Geoffrey A. Lawrance, Marcel Maeder and Eric N. Wilkes

Reviews in Inorganic Chemistry, 13 (1993) 199.

Journal Articles

Published

Tetraazacycloalkanes with Pendant Carboxylates. Copper(II)-Directed Synthesis and Crystal Structure of (Ethyl 1,5,9,13-tetraazabicyclo[1.1.2.2]heptadecane-7-carboxylate)copper(II) Perchlorate

Geoffrey A. Lawrance, Brian W. Skelton, Allan H. White and Eric N. Wilkes

Aust. J. Chem., 44 (1991) 1511

Synthesis of a New Potentially Sexidentate Pendant-arm Macrocyclic Polyamino Acid and Coordination to Cobalt(III)

Trevor W. Hambley, Geoffrey A. Lawrance, Marcel Maeder, and Eric Wilkes,

J. Chem. Soc. Dalton Trans., (1992) 1283

Nickel(II) Complexes of 15-Membered Tetraaza Macrocycles With A Primary Amine or Carboxylate Penadant: Structural Characterization of A One-Dimentional Chain Compound, Trevor W. Hambley, Geoffrey A. Lawrance, Marcel Maeder, and Eric Wilkes
Inorganica Chimica Acta, 246 (1996) 65.

Comparative Formation Constants for Metal Ions with Macrocycles Based on 1,4,8,11-Tetraazacyclotetradecane and Carrying Diamine, Dicarboxylate or Amine-Carboxylate Pendants.

Yakup Baran, Geoffrey A. Lawrance and Eric N. Wilkes, *Polyhedron*, 16 (1996) 599

Synthesis and Comparative Base Hydrolysis Reactions of Chlorocobalt(III) Complexes of Pendant-Arm Macrocyclic Polyamines and Polyaminoacids
Yakup Baran, Trevor W. Hambley, Geoffrey A. Lawrance and Eric N. Wilkes, *Aust. J. Chem.*, 49 (1997) *in press*.

To Appear

Characterization of the Minor cis Geometric Isomer of the Dipendant-Arm Macrocycle 6-Amino-6-methyl-1,4,8,11-tetraazacyclotetradecane-13-carboxylate as the Ni(II) Complex.

Eric. N. Wilkes, Trevor W. Hambley, Geoffrey A. Lawrance and Marcel Maeder, *J. Chem. Soc., Dalton Trans.*, (1997) *in preparation*.

Coordination of a Potentially Hexadentate Pendant-Arm Macrocyclic Polyamino Acid to Octahedral Metal Ions.

Eric N. Wilkes, Geoffrey A. Lawrance and Marcel Maeder, *Polyhedron* (1997) in preparation.

Isomers of 1,4,8,11-Tetraazacyclotetradecane-6,13-dicarboxylate Characterised as Cobalt(III) Complexes

Eric N. Wilkes, Paul V. Bernhardt, Trevor W. Hambley, Geoffrey A. Lawrance, and Marcel Maeder, *Inorg. Chem.* (1997) in preparation.

Published Conference Proceedings

Copper(II)-directed Synthesis of Pendant-arm Polyamine Macrocycles and Their Co-ordination to Metals in the Zinc Triad

Geoffrey A. Lawrance, Peter G. Lye, Marcel Maeder and Eric N. Wilkes in "The Chemistry of the Copper and Zinc Triads", ed. A. J. Welch and S. K. Chapman, The Royal Society of Chemistry (1993).

Conference Papers

Some Coordination Chemistry of Cyclic and Acyclic Polyaminoacids

Paul Bernhardt, Trevor Hambley, Geoff Lawrance, Monica Rossignoli, Eric Wilkes, 9th National RACI Chemistry Conference, Monash (1992)

Kinetics of Formation of Tetraazamacrocycles Carrying Additional Pendant Groups via Copper(II)-Directed Syntheses

Eric N. Wilkes, Geoffrey A. Lawrance and Marcel Maeder, National Inorganic Chemistry Conference, Perth (1994).

*Comparative Coordination Chemistry of Some Pendant-Arm Cyclam
Analogues*

Eric N. Wilkes, Geoffrey A. Lawrance and Marcel Maeder, International
Macrocyclic Meeting, Wellington, New Zealand (1996).