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Nota di contenuto	INORGANIC SYNTHESSES Volume 34; PREFACE; NOTICE TO CONTRIBUTORS AND CHECKERS; TOXIC SUBSTANCES AND LABORATORY HAZARDS; CONTENTS; Chapter One MAIN GROUP COMPOUNDS; 1. Diborane(4) Compounds; A. Tetrakis(dimethylamino)diborane(4), B(2)(NMe(2))(4); B. 1,2-Dichloro-1,2-bis(dimethylamino)diborane(4), B(2)Cl(2)(NMe(2))(2); C. 2,2'-Bis(1,3,2-benzodioxaborole), B(2)(1,2-O(2)C(6)H(4))(2); 2. Sodium Tetrakis(3,5-bis(trifluoromethyl)phenyl)borate, Na[B(3,5-(CF(3))(2)C(6)H(3))(4)]; 3. Anionic Tris- and Bis(diphenylphosphinomethyl)borates A. Tetrabutylammonium Phenyltris(diphenylphosphinomethyl)borate, [(n)Bu(4)N][PhB(CH(2)PPh(2))(3)] B. Tetrabutylammonium Diphenylbis(diphenylphosphinomethyl)borate, [(n)Bu(4)N][Ph(2)B(CH(2)PPh(2))(2)]; C. Thallium Phenyltris(diphenylphosphinomethyl)borate, [PhB(CH(2)PPh(2))(3)]Tl; 4. Six-Coordinate Aluminum Cations Based on Salen Ligands; A. Chloro-1,2-bis(2-hydroxybenzylideneimino)ethanealuminum, Al(Salen)Cl; B. Diaqua-1,2-bis(2-hydroxybenzylideneimino)ethanealuminum Chloride, [Al(Salen)(H(2)O)(2)]Cl

C. Dimethanol-1,2-bis-(2-hydroxy-3,5-bis(tert-butyl)benzylideneimino) Aluminum Chloride, $[\text{Al}(\text{Salen}(\text{tBu})(\text{MeOH})_2)]\text{Cl}$. Dimethanol-1,2-bis(2-hydroxy-3,5-bis(tert-butyl)benzylideneimino) ethanealuminum Tetraphenylborate, $[\text{Al}(\text{tBuSalen})(\text{MeOH})_2][\text{BPh}_4]$; E. Dimethanol-1,2-bis(2-hydroxy-3,5-bis(tert-butyl)benzylideneimino) ethanealuminum para-Toluenesulfonate, $[\text{Al}(\text{tBuSalen})(\text{MeOH})_2][\text{OTs}]$; F. Bis(tetrahydrofuran)-1,2-bis(2-hydroxy-3,5-bis(tert-butyl)benzylideneimino)ethanealuminum Tetraphenylborate, $[\text{Al}(\text{tBuSalen})(\text{THF})_2][\text{BPh}_4]$; 5. Tabular α -Alumina; 6. Para-Substituted Aryl Isocyanides

A. 1,4-Diisocyanobenzene, p-CNC(6)H(4)NCB. 1,4-Diisociano-2,5-dimethylbenzene, p-CN(C(6)H(2)(CH(3))₂)NC; C. 1-Isociano-4-methoxybenzene, p-CN(C(6)H(4))OCH(3); D. Bis(1,4-diisocyanobenzene)bis(1,2-bis(diphenylphosphino)ethane)tungsten(0), W(dppe)₂(CNC(6)H(4)NC)₂; 7. Unsymmetric Tripod Ligands Related to Tris(pyrazol-1-yl)methane; A. Bis(pyrazol-1-yl)methanone, (pz)₂C=O; B. N-Methylimidazole-2-carbaldehyde, (mim)CHO; C. Bis(pyrazol-1-yl)(pyridin-2-yl)methane, (pz)₂(py)CH; D. Bis(pyrazol-1-yl)(N-methylimidazol-2-yl)methane, (pz)₂(mim)CH; 8. Difluorotriphenylarsenic(V), AsF(2)Ph(3)

9. Tetramethylammonium Salts of Superoxide and Peroxynitrite A. Tetramethylammonium Superoxide, $[\text{N}(\text{CH}_3)_4]\text{O}_2$; B. Tetramethylammonium Peroxynitrite, $[\text{N}(\text{CH}_3)_4][\text{ONOO}]$; 10. Tellurium-Nitrogen Compounds; A. Lithium tert-Butylamide, Li[HN(t)Bu]; B. Bis(m-tert-butylimido)-bis(tert-butylimido)ditellurium, (t)BuNTe(m-N(t)Bu)₂TeN(t)Bu; C. Bis{dilithium[tris(tert-butylimido)tellurite]}, $\{\text{Li}_2[\text{Te}(\text{N}(\text{tBu})_3)]\}_2$; Chapter Two ORGANOMETALLIC AND COORDINATION COMPLEXES; 11. Addition Compounds of Dibromodioxomolybdenum(VI); A. Stock Solution of MoO(2)Br(2)(H(2)O)₂ in Diethyl Ether

B. Diaquadibromodioxomolybdenum(VI) Diglyme Complex, MoO(2)Br(2)(H(2)O)₂-diglyme

Sommario/riassunto

This series provides inorganic chemists with detailed and foolproof procedures for the preparation of important and timely compounds. Volume 34 continues to report such procedures with an up-to-date selection of contributions by internationally-recognized researchers, including the following: