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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  $\alpha$ -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),  $\text{W}(\text{dppe})(2)(\text{CNC}(6)\text{H}(4)\text{NC})(2)$ ; 7. Unsymmetric Tripod Ligands Related to Tris(pyrazol-1-yl)methane; A. Bis(pyrazol-1-yl)methanone, (pz)(2)C=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),  $\text{AsF}(2)\text{Ph}(3)$

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,  $\text{Li}[\text{HN}(\text{tBu})]$ ; B. Bis(m-tert-butylimido)-bis(tert-butylimido)ditellurium,  $(\text{tBuNTe}(\text{m-N}(\text{tBu})(2)\text{TeN}(\text{tBu}))_2$ ; 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  $\text{MoO}(2)\text{Br}(2)(\text{H}(2)\text{O})(2)$  in Diethyl Ether

B. Diaquadibromodioxomolybdenum(VI) Diglyme Complex,  $\text{MoO}(2)\text{Br}(2)(\text{H}(2)\text{O})(2)$ -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: