



ELSEVIER

Journal of Organometallic Chemistry 658 (2002) 291–293

Journal  
of Organo  
metallic  
Chemistry

www.elsevier.com/locate/jorgchem

## Contents of Volume 658

Solution structure and decomposition pathway of zwitterionic zirconium (IV) benzyl complexes R.M. Gauvin, C. Mazet, J. Kress . . . . .	1
Electronic reason for the stabilization of osmabenzyne S.-Y. Yang, X.-Y. Li, Y.-Z. Huang . . . . .	9
Intramolecular C–N bond formation in the reductive elimination of <i>ortho</i> -palladated aryhydrazones of acetophenone A. Carbayo, J.V. Cuevas, G. García-Herbosa . . . . .	15
Chlorotrimethylsilane-mediated Michael addition reactions of chiral benzylic anions derived from $\eta^6$ -chromiumtricarbonyl complexes R.E.J. Beckwith, N. Heron, N.S. Simpkins . . . . .	21
Synthesis, spectroscopic characterisation of 1,1,2,3,4,5,6-heptahydro-1,1-di(carboxylato)telluranes and 1,3-dihydro-2 $\lambda^4$ -benzotellurole-2,2-diyl dicarboxylates: Crystal structures of 1,1,2,3,4,5,6-heptahydro-1,1-di(benzoato)tellurane and 1,3-dihydro-2 $\lambda^4$ -benzotellurole-2,2-diyl dibenzoate P.C. Srivastava, S. Bajpai, R. Lath, C. Ram, M. Srivastava, S. Bajpai, R.J. Butcher, M. Zimmer, M. Veith . . . . .	34
Synthetic, spectral and structural aspects of some Rh(III) pentamethylcyclopentadiene complexes containing <i>N,N'</i> -donor bridging ligands M. Chandra, A.N. Sahay, S.M. Mobin, D.S. Pandey . . . . .	43
Rhenium tricarbonyl complexes of tris(pyrazolyl)methane ligands: first structural characterization of an isomer pair of tris(pyrazolyl)methane derivatives and the supramolecular structure of the homobimetallic complex $\{1,4\text{-C}_6\text{H}_4[\text{CH}_2\text{OCH}_2\text{C}(\text{pz})_3]_2[\text{Re}(\text{CO})_3]_2\}(\text{Br})_2$ D.L. Reger, K.J. Brown, M.D. Smith . . . . .	50
Late transition metal complexes bearing 2,9-bis(imino)-1,10-phenanthroline ligands: synthesis, characterization and their ethylene activity L. Wang, W.-H. Sun, L. Han, H. Yang, Y. Hu, X. Jin . . . . .	62
A novel and convenient synthesis towards 2-pyridylselenium compounds: X-ray crystal structure of 4,4'-dimethyl-2,2'-dipyridyl diselenide and tris(2-pyridylseleno)methane K.K. Bhasin, J. Singh . . . . .	71
3,3-Dimethyl-1-butyne complexes of tungsten(II). Crystal structures of $[\text{Wl}_2(\text{CO})(\text{NCPh})(\eta^2\text{-HC}_2\text{Bu}')_2]$ and $[\text{Wl}_2(\text{CO})\{\text{P}(\text{OR})_3\}_2(\eta^2\text{-HC}_2\text{Bu}')]$ (R = Me and Et) P.K. Baker, M.G.B. Drew, D.S. Moore . . . . .	77
Reactions of dirhenium heptoxide with manganese(I) and rhenium(I) hydrido, alkoxo, methylcarbonato, carbonato-bridged, and methoxymethyl complexes. The X-ray structures of <i>fac</i> -(CO) <sub>3</sub> (dppp)MnOREO <sub>3</sub> and <i>fac</i> -(CO) <sub>3</sub> (dppp)ReOREO <sub>3</sub> D.A. Brown, D.M. Kimari, A.M. Duzs-Moore, T.A. Budzichowski, D.M. Ho, S.K. Mandal . . . . .	88
Some aspects of chemistry of the N→Si chelated aryloxydihydrosilanes R(ArO)SiH <sub>2</sub> (R=Ph, ArO) and of the 2,2-diaryloxytrisilane (Me <sub>3</sub> Si) <sub>2</sub> Si(OAr) <sub>2</sub> {ArO=2,4,6-[(CH <sub>3</sub> ) <sub>2</sub> NCH <sub>2</sub> ] <sub>3</sub> C <sub>6</sub> H <sub>2</sub> O} A. Akkari-El Ahdab, G. Rima, H. Gornitzka, J. Barrau . . . . .	94
Reactions of tetraphosphine complex $[\text{Mo}\{\textit{meso-o-C}_6\text{H}_4(\text{PPhCH}_2\text{CH}_2\text{PPh}_2)_2\}(\text{Ph}_2\text{PCH}_2\text{CH}_2\text{PPh}_2)]$ with nitrile, CO, and isocyanide H. Seino, C. Arita, M. Hidai, Y. Mizobe . . . . .	106
Syntheses and structures of some coordinatively saturated and unsaturated diruthenium carbonyl complexes K.-B. Shiu, J.-Y. Chen, G.-H. Lee, F.-L. Liao, B.-T. Ko, Y. Wang, S.-L. Wang, C.-C. Lin . . . . .	117
Structural characterization and catalytic activity of the rhodium–carbene complex Rh(PPh <sub>3</sub> ) <sub>2</sub> (IMes)Cl (IMes = bis(1,3-(2,4,6-trimethylphenyl)imidazol-2-ylidene) G.A. Grasa, Z. Moore, K.L. Martin, E.D. Stevens, S.P. Nolan, V. Paquet, H. Lebel . . . . .	126
Carbon–fluorine bond activation of perfluorinated arenes with Cp* <sub>2</sub> ZrH <sub>2</sub> B.M. Kraft, W.D. Jones . . . . .	132

1-Triflato-3,5,7-trimethyl-1,3,5,7-tetrasilaadamantane and 1,3-bis-triflato-5,7-dimethyl-1,3,5,7-tetrasilaadamantane; synthesis, complexation study and X-ray structure of 1-hydroxy-3,5,7-trimethyl-1,3,5,7-tetrasilaadamantane K.K. Laali, G.F. Koser, S.D. Huang, M. Gangoda . . . . .	141
Catalytic isomerization of <i>N</i> -allylic substrates with chiral Os <sub>3</sub> clusters as potentially enantioselective reaction V.A. Ershova, A.V. Golovin, V.M. Pogrebnyak . . . . .	147
Syntheses and crystal structures of bis(tetrahydrofurfurylindenyl) lanthanocene chlorides (C <sub>4</sub> H <sub>7</sub> OCH <sub>2</sub> C <sub>9</sub> H <sub>6</sub> ) <sub>2</sub> LnCl (Ln = Nd, Sm, Dy, Ho, Er, Yb) J. Cheng, D. Cui, W. Chen, T. Tang, B. Huang . . . . .	153
Isolation and structural characterization of some stable Pd(II) carboxylate complexes supported by 1,1'-bis(diphenylphosphino) ferrocene (dppf) Y.C. Neo, J.S.L. Yeo, P.M.N. Low, S.W. Chien, T.C.W. Mak, J.J. Vittal, T.S.A. Hor . . . . .	159
Synthesis and characterization of monomeric diorganotellurium dihalides: crystal and molecular structures of diphenacyltellurium dibromide and -diiodide A.K.S. Chauhan, A. Kumar, R.C. Srivastava, R.J. Butcher . . . . .	169
A new method for calculating the CO-factored force constants of pentacarbonyliron N. Zengin, C. Kaya . . . . .	176
Ferrocenyl hydroxymethylphosphines ( $\eta^5$ -C <sub>5</sub> H <sub>5</sub> )Fe[ $\eta^5$ -C <sub>5</sub> H <sub>4</sub> P(CH <sub>2</sub> OH) <sub>2</sub> ] and 1,1'-[Fe{ $\eta^5$ -C <sub>5</sub> H <sub>4</sub> P(CH <sub>2</sub> OH) <sub>2</sub> } <sub>2</sub> ] and their chalcogenide derivatives W. Henderson, S.R. Alley . . . . .	181
Synthesis, reactivity and structures of diethyldithiophosphate molybdenum complexes: crystal structures of [Mo{ $\eta^2$ -S <sub>2</sub> P(OEt <sub>2</sub> ) <sub>2</sub> }(PhC≡CPh) <sub>2</sub> ] and [Mo( $\eta^3$ -C <sub>3</sub> H <sub>5</sub> ){ $\eta^1$ -S <sub>2</sub> P(OEt <sub>2</sub> ) <sub>2</sub> }(Phen)(CO) <sub>2</sub> ] K.-H. Yih, G.-H. Lee, S.-L. Huang, Y. Wang . . . . .	191
Synthesis of bis(pyrazol-1-yl)methanes with organogermyl and organosilyl groups on the methine carbon and their reaction with W(CO) <sub>5</sub> (THF). X-ray crystal structures of Ph <sub>3</sub> GeCHPz <sub>2</sub> W(CO) <sub>4</sub> and Me <sub>3</sub> SiCHPz <sub>2</sub> W(CO) <sub>4</sub> (Pz = 3,5-dimethylpyrazole) L.-F. Tang, W.-L. Jia, X.-M. Zhao, P. Yang, J.-T. Wang . . . . .	198
Synthesis and structure of the novel mixed Sb/Se and Sb/Te containing iron carbonyl clusters [Fe <sub>3</sub> ( $\mu_3$ -Y)( $\mu_3$ -SbMes)(CO) <sub>9</sub> ] (Y = Se, Te) and [Fe <sub>3</sub> ( $\mu_3$ , $\eta^2$ : $\eta^1$ -SeSbMes)( $\mu_3$ -SbMes)(CO) <sub>10</sub> ] S.N. Konchenko, N.A. Pushkarevsky, M. Scheer . . . . .	204
Cofacial interaction of ferrocenyl groups and metal atom motional anisotropy in [10]annulene organometallics R.H. Herber, I. Nowik, M. Iyoda . . . . .	210
Unusual reactions of cationic bridging carbyne complexes of dimethylsilane-bridged bis( $\eta^5$ -cyclopentadienyl)diiron tricarbonyl with carbonylmetal anions R. Wang, J. Sun, J. Chen, Q. Xu, Y. Souma . . . . .	214
Spin chemistry of organometallic compounds: 2. Interaction of <i>N</i> -bromohexamethylidisilazane with allyltriorganosilanes M.B. Taraban, A.I. Kruppa, N.E. Polyakov, M.G. Voronkov, V.I. Rakhlin, S.V. Grigor'ev, O.S. Volkova, R.G. Mirskov, T.V. Leshina . . . . .	228
Synthesis and crystal structures of $\mu$ -1,3-bis( $\eta^5$ -tetramethylcyclopentadienyl)-1,1,3,3-tetramethyldisiloxane[ $\eta^2$ -bis(trimethylsilyl)ethyne]titanium(II) and a doubly tucked-in product of its thermolysis M. Horáček, P. Štěpnička, J. Kubišta, R. Gyepes, I. Císařová, L. Petrusová, K. Mach . . . . .	235
Synthesis and cyclic voltammetry of 1,2,3-trisubstituted bis(cyclopentadienyl)zirconium dichlorides B.J. Rausch, R. Gleiter, F. Rominger . . . . .	242
New benzotriazole derivatives as multifunctional ligands C.M. Thomas, B. Therrien, A. Neels, H. Stöckli-Evans, G. Süß-Fink . . . . .	251
Dinuclear ansa zirconocene complexes containing a sandwich and a half-sandwich moiety as catalysts for the polymerization of ethylene H.G. Alt, R. Ernst, I.K. Böhmer . . . . .	259
Two nickelocenes and ferrocene in a rigid <i>cis/trans</i> chain M. Herker, F.H. Köhler, M. Schwaiger, B. Weber . . . . .	266
Substitution kinetics of Cr(CO) <sub>5</sub> ( $\eta^2$ -Z-cyclooctene) with tetracyanoethylene F. Kozanoglu, S. Saldamli, S. Özkar . . . . .	274

Erratum . . . . .	281
Author Index of Volume 658 . . . . .	283
Subject Index of Volume 658 . . . . .	285
Contents of Volume 658 . . . . .	291