



ELSEVIER

Available online at www.sciencedirect.com

SCIENCE @ DIRECT®

Journal of Organometallic Chemistry 671 (2003) 195–196

Journal
of Organometallic
Chemistrywww.elsevier.com/locate/jorgchem

Contents of Volume 671

Short Communications

- Thermolysis of $[(\eta^5\text{-C}_5\text{H}_5)\text{Co}(\text{PPh}_3)(\eta^2\text{-DMAD})]$, revisited: a solid state analysis reveals the true structure of the triphenylphosphine–alkyne coupling product
J.M. O'Connor, K.D. Bunker 1
- Stereochemistry of mono- and dinuclear complexes of rhodium, iridium and ruthenium bearing bis(diphenylphosphinomethyl)phenylphosphine
Y. Kosaka, Y. Shinozaki, Y. Tsutsumi, Y. Kaburagi, Y. Yamamoto, Y. Sunada, K. Tatsumi 8

Regular Papers

- Analysis of the enantioselectivities and initial rates of the hydrosilylation of acetophenone catalyzed by $[\text{Rh}(\text{cod})\text{Cl}]_2/(\text{chiral diposphine})$. The quantitative analysis of ligand effects
C. Reyes, A. Prock, W.P. Giering 13
- σ -Acetylide complexes of ruthenium and osmium containing alkynylsilane ligands
W.-Y. Wong, C.-K. Wong, G.-L. Lu 27
- Disproportionation reactions of (methoxy/hydroxy)diorganotin(IV) methanesulfonates with carboxylic acids: Synthesis and structure of new diorganotin(IV) carboxylates
R. Shankar, M. Kumar, S.P. Narula, R.K. Chadha 35
- Trans*-spanning acetylenic bispyridine ligands: synthesis and structural characterization of novel organic and organometallic pseudodehydroannulenes
S. Shotwell, H.L. Ricks, J.G.M. Morton, M. Laskoski, J. Fiscus, M.D. Smith, K.D. Shimizu, H.-C. zur Loye, U.H.F. Bunz 43
- Synthesis and structure of novel, air-stable carbyne complexes of tungsten
D. Hazra, D.K. Sinha-Mahapatra, V.G. Puranik, A. Sarkar 52
- Reaction of complex ligands: Part 95. Chromium tricarbonyl complexes of polysubstituted naphthohydroquinones: regioselective synthesis via $[3+2+1]$ -benzannulation and haptotropic rearrangement
K.H. Dötz, N. Szesni, M. Nieger, K. Nättinen 58
- Mechanism of metal-catalyzed CC-coupling reactions with titanocene vinylidene. A theoretical study
U. Böhme 75
- Antiferromagnetic complexes with metal–metal bonds. Part XXX. Synthesis and molecular structures of the antiferromagnetic adducts $[\text{Cp}'\text{Cr}(\mu\text{-SPh})_2(\mu_3\text{-Se})\text{ML}]$ ($\text{Cp}' = \eta^5\text{-CH}_3\text{C}_5\text{H}_4$, $\text{ML} = \text{Fe}_3(\mu_3\text{-S})_2(\text{CO})_8$, $\text{Mn}_2(\text{CO})_9$, $\text{Mn}_2(\text{CO})_8$), paramagnetic complexes $\text{Cp}'\text{Cr}(\mu\text{-SPh})_3\text{Mn}(\text{CO})_3$ and $[\text{Cp}'\text{Cr}(\mu\text{-SPh})_2\text{Te}]$, diamagnetic cluster $\text{Cp}_2\text{Cr}_2(\mu\text{-SPh})(\mu_3\text{-S})(\mu_3\text{-Te})\text{Co}(\text{CO})_2$
A.A. Pasynskii, I.V. Skabitski, Y.V. Torubaev, N.I. Semenova, V.M. Novotortsev, O.G. Ellert, K.A. Lyssenko 91
- Origin of variation in polymerization activity for Ziegler–Natta catalyst with chloride and alkoxy ligands: a density functional study
S. Bhaduri, S. Mukhopadhyay, S.A. Kulkarni 101
- General access to *para*-substituted styrenes
S. Langle, F. David-Quillot, A. Balland, M. Abarbri, A. Duchêne 113
- Oxidation of the octa-(ethyl)diphosphaferrocene
X. Sava, L. Ricard, F. Mathey, P. Le Floch 120
- Synthesis, NMR spectroscopy, and conformational analysis of α -dimethylsilyl esters
C. Kaimakliotis, H. Arthanari, A.J. Fry 126

| | |
|---|-----|
| Catalytic application of a Ru-alkylidene in the nucleophilic addition of several carboxylic acids on terminal alkynes and the homo-coupling of 1-alkynes K. Melis, D. De Vos, P. Jacobs, F. Verpoort | 131 |
| Formation of an allylic cluster in the reactions of $[\text{Ru}_3(\text{CO})_{12}]$ with diethylamino-propyne and trimethylsilyl propargyl alcohol. Crystal structure of $[(\mu\text{-H})\text{Ru}_3(\text{CO})_9(\mu_3\text{-}\eta^3\text{-C}_3\text{H}_3)]$ G. Gervasio, D. Marabello, P.J. King, E. Sappa, A. Secco | 137 |
| Synthesis and reactivity of ditungsten helical complex $\text{W}_2(\text{CO})_6(\mu\text{-Ph}_2\text{PC}\equiv\text{CPh}_2)_3$ W.-Y. Yeh, S.-M. Peng, G.-H. Lee | 145 |
| Rhodium catalyzed hydroformylation of β -pinene and camphene: effect of phosphorous ligands and reaction conditions on diastereoselectivity H.J.V. Barros, M.L. Ospina, E. Arguello, W.R. Rocha, E.V. Gusevskaya, E.N. dos Santos | 150 |
| Facile introduction of bridging MPh_2 groups (M=Ge, Sn, Pb) into platinum–pentaruthenium and hexaruthenium carbido carbonyl cluster complexes R.D. Adams, B. Captain, W. Fu | 158 |
| The synthesis of the triply bonded tetramethyl complex $\text{Re}_2(\text{CH}_3)_4(\mu\text{-dppm})_2$ and its reaction with carbon monoxide to afford $\text{Re}_2(\mu\text{-CH}_2)_2(\text{CO})_4(\mu\text{-dppm})_2$ M. Ganesan, P.E. Fanwick, R.A. Walton | 166 |
| Synthesis and characterization of η^5 -tetramethylcyclopentadienyl-hydrido- and -chloro-silyl- η^1 -amido zirconium complexes A.B. Vázquez, P. Royo | 172 |
| Notes | |
| Reductive elimination of C–CN compounds from nickel complexes as a reverse reaction for oxidative addition of benzonitriles to nickel T. Yamamoto, I. Yamaguchi, M. Abla | 179 |
| Synthesis and structural characterization of two bis(imidazol-2-ylidene) complexes of Pt(II) C.A. Quezada, J.C. Garrison, C.A. Tessier, W.J. Youngs | 183 |
| Erratum | 187 |
| Author Index of Volume 671 | 189 |
| Subject Index of Volume 671 | 191 |
| Contents of Volume 671 | 195 |