



ELSEVIER

Subject Index of Volume 484

Actinide

Reaction of uranium tetrachloride with trimethylsilylcyclopentadiene: crystal structure of a dichloromethane adduct of $\{[U(cp)_2(\mu-Cl)_3](\mu_3-Cl)_2\}[(U(cp)Cl_2)_2(\mu-Cl)_3]$ ($cp = \eta\text{-C}_5\text{H}_5$) (T. Arliguie, M. Ephritikhine, M. Lance, J. Vigner and M. Nierlich), 195

Aldehyde

Synthesis of optically active benzyl- α -d alcohols by asymmetric hydrogenation of benzaldehyde- α -d and its derivatives catalyzed by BINAP-Ru(II) complexes (T. Ohta, T. Tsutsumi and H. Takaya), 191

Alkene

Nucleophilic additions to palladium(II)-activated C=C bonds: synthesis of cyclopalladated 8-substituted quinoline derivatives (J. Dupont, R.A.P. Halfen, F.K. Zinn and M. Pfeffer), C8

Alkyne

Bis(alkyne) complexes of the type $[Wl_2(CO)(NCR)(\eta^2-R'C_2R')_2]$ ($R = Et, ^1Bu, Ph$ or CH_2Ph ; $R' = Me$ or Ph). X-ray crystal structure of $[Wl_2(CO)(NC^1Bu)(\eta^2-MeC_2Me)_2]$ (P.K. Baker, M.E. Harman, M.B. Hursthouse, A.J. Lavery, K.M.A. Malik, D.J. Muldoon and A. Shawcross), 169

Synthesis and structural characterization of cobalt complexes derived from conjugated tetraynes (J. Lewis, B. Lin, M.S. Khan, M.R.A. Al-Mandhary and P.R. Raithby), 161

Synthesis, structural characterization and photophysical properties of ethyne-gold(I) complexes (T.E. Müller, S.W.-K. Choi, D.M.P. Mingos, D. Murphy, D.J. Williams and V.W.-W. Yam), 209

Zirkonadihydrofuran-Komplexe: Darstellung, Struktur und Reaktivitäts-Betrachtungen (U. Rosenthal, A. Ohff, W. Baumann, A. Tillack, H. Görsls, V.V. Burlakov und V.B. Shur), 203

Alkyne complexes

Darstellung und Eigenschaften des Komplexes (dipy) $Ni(\eta^2-PhC_2SiMe_3)$. Zur Korrelation struktureller Bindungsparameter mit IR- und NMR-spektroskopischen Daten in Übergangsmetall-Alkin-Komplexen (U. Rosenthal, C. Nauck, P. Arndt, S. Pulst, W. Baumann, V.V. Burlakov und H. Görsls), 81

Arsenic

Bicyclisches As₆ als Komplexligand (O.J. Scherer, J. Schulze und G. Wolmershäuser), C5

As₆ benzvalene

Bicyclisches As₆ als Komplexligand (O.J. Scherer, J. Schulze und G. Wolmershäuser), C5

Asymmetric hydrogenation

Synthesis of optically active benzyl- α -d alcohols by asymmetric hydrogenation of benzaldehyde- α -d and its derivatives catalyzed by BINAP-Ru(II) complexes (T. Ohta, T. Tsutsumi and H. Takaya), 191

Azoniaboratacyclopropane

New heterocycles from the reaction of azoniaboratacyclopropane with isocyanides (D.J. Brauer, H. Bürger, T. Hagen and G. Pawelke), 107

BINAP

Synthesis of optically active benzyl- α -d alcohols by asymmetric hydrogenation of benzaldehyde- α -d and its derivatives catalyzed by BINAP-Ru(II) complexes (T. Ohta, T. Tsutsumi and H. Takaya), 191

Bis(cyclometallation)

Cyclometallated compounds of Pd(II) with pyrazole derivatives. Unusual double palladation of diarylbis(*N*-pyrazolyl)methanes (M.T. Alonso, O. Juanes, J. De Mendoza and J.C. Rodríguez-Ubis), 19

Bis(cyclopentadienyl)uranium

Reaction of uranium tetrachloride with trimethylsilylcyclopentadiene: crystal structure of a dichloromethane adduct of $\{[U(cp)_2(\mu-Cl)_3](\mu_3-Cl)_2\}[(U(cp)Cl_2)_2(\mu-Cl)_3]$ ($cp = \eta\text{-C}_5\text{H}_5$) (T. Arliguie, M. Ephritikhine, M. Lance, J. Vigner and M. Nierlich), 195

Boron

Boron- and phosphorus-containing heterocycles: first evidence of a transient cyclic phosphaborolane with P-H and B-H bonds (A.-C. Gaumont, K. Bourumeau, J.-M. Denis and P. Guenot), 9

Synthesis and characterization of some amine complexes of bromocarboxyboranes and bromo(methoxycarbonyl)boranes (B. Györi, Z. Kovács, J. Emri and Z. Berente), 225

Borylphosphines

Boron- and phosphorus-containing heterocycles: first evidence of a transient cyclic phosphaborolane with P-H and B-H bonds (A.-C. Gaumont, K. Bourumeau, J.-M. Denis and P. Guenot), 9

Bromination

Synthesis and characterization of some amine complexes of bromocarboxyboranes and bromo(methoxycarbonyl)boranes (B. Györi, Z. Kovács, J. Emri and Z. Berente), 225

Bromoborane

Synthesis and characterization of some amine complexes of bromocarboxyboranes and bromo(methoxycarbonyl)boranes (B. Györi, Z. Kovács, J. Emri and Z. Berente), 225

Carbon-13

Darstellung und Eigenschaften des Komplexes (dipy) $Ni(\eta^2-PhC_2SiMe_3)$. Zur Korrelation struktureller Bindungsparameter mit IR- und NMR-spektroskopischen Daten in Übergangsmetall-Alkin-Komplexen (U. Rosenthal, C. Nauck, P. Arndt, S. Pulst, W. Baumann, V.V. Burlakov und H. Görsls), 81

Carbonyl

Bis(alkyne) complexes of the type $[WI_2(CO)(NCR)(\eta^2-R'C_2R')_2]$ ($R = Et, ^1Bu, Ph$ or CH_2Ph ; $R' = Me$ or Ph). X-ray crystal structure of $[WI_2(CO)(NC^1Bu)(\eta^2-MeC_2Me)_2]$ (P.K. Baker, M.E. Harman, M.B. Hursthouse, A.J. Lavery, K.M.A. Malik, D.J. Muldoon and A. Shawcross), 169

Organometallic photochemistry in supercritical fluids: reactions of cyclopentadienyl carbonyl and phosphine carbonyl complexes of manganese with dinitrogen (J.A. Banister, M.W. George, S. Grubert, S.M. Howdle, M. Jobling, F.P.A. Johnson, S.L. Morrison, M. Poliakoff, U. Schubert and J.R. Westwell), 129

Reactions of mercuric acetate with pentacarbonyliron in alcohols. Crystal and molecular structures of $Hg[Fe(COOR)(CO)_4]_2$ ($R = CH_3, C_2H_5$) (A.E. Mauro, V.A. De Lucca Neto, J.R. Zamian, R.H. De Almeida Santos, M.T. Do Prado Gambarella, J.R. Lechat and H.R. Rechenberg), 13

Synthesis and structural characterization of cobalt complexes derived from conjugated tetraynes (J. Lewis, B. Lin, M.S. Khan, M.R.A. Al-Mandhary and P.R. Raithby), 161

Carbynols

The reaction of R,S and $R,R/S,S-[Fe_2\{\eta,\eta-C_5H_4CH(NMe_2)-CH(NMe_2)C_5H_4\}(CO)_2(\mu-CO)_2]$ and $[Fe_2\{\eta,\eta-C_5H_4CH_2CH(NMe_2)C_5H_4\}(CO)_2(\mu-CO)_2]$ with alkylating agents. Preparation, structure and spectra of $[Fe_2\{\eta,\eta-C_5H_4CH(NMe_2)C_5H_4\}(CO)_2(\mu-CO)_2]^+$ and $[Fe_2\{\eta,\eta-C_5H_4CH_2CH(NMe_2)C_5H_4\}(CO)_2(\mu-CO)_2]^+$ salts (M.G. Cox, A.R. Manning, P. Soye, P. McArdle and D. Cunningham), 97

Carboxyborane

Synthesis and characterization of some amine complexes of boro-carboxyboranes and bromo(methoxycarbonyl)boranes (B. Györi, Z. Kovács, J. Emri and Z. Berente), 225

Catalysis

Catalysis of hydrosilylation. Part XXV. Effect of nickel(0) and nickel(II) complex catalysts on dehydrogenative silylation, hydrosilylation and dimerization of vinyltriethoxsilane (B. Marciniec, H. Maciejewski and U. Rosenthal), 147

Synthesis of optically active benzyl- α -d alcohols by asymmetric hydrogenation of benzaldehyde- α -d and its derivatives catalyzed by BINAP-Ru(II) complexes (T. Ohta, T. Tsutsumi and H. Takaya), 191

Chain reaction

Kinetics of chain reactions between organochromium macrocyclic complexes and iodine (S. Shi and H.C. Zeng), 59

Chiral boron atom

Synthesis and characterization of some amine complexes of boro-carboxyboranes and bromo(methoxycarbonyl)boranes (B. Györi, Z. Kovács, J. Emri and Z. Berente), 225

Chirality

Synthesis of optically active benzyl- α -d alcohols by asymmetric hydrogenation of benzaldehyde- α -d and its derivatives catalyzed by BINAP-Ru(II) complexes (T. Ohta, T. Tsutsumi and H. Takaya), 191

Chloride

Uranium complexes with hydrotris(pyrazolyl) borate (M.P.C. Campello, Á. Domingos and I. Santos), 37

Chromium

Kinetics of chain reactions between organochromium macrocyclic complexes and iodine (S. Shi and H.C. Zeng), 59

Cobalt

Synthesis and structural characterization of cobalt complexes derived from conjugated tetraynes (J. Lewis, B. Lin, M.S. Khan, M.R.A. Al-Mandhary and P.R. Raithby), 161

Coordinative stabilisation

Bicyclisches As₆ als Komplexligand (O.J. Scherer, J. Schulze und G. Wolmershäuser), C5

Copper

Redox reactivity of azathiaferrocenophane complexes with copper(II) and palladium(II) (J.S. Kim, A.J. Bessire, R.A. Bartsch, R.A. Holwerda and B.P. Czech), 47

Crystal structure

Cyclic 1,8-naphthalenediyl compounds containing group 14 hetero atoms (M.A.G.M. Tinga, G.J.H. Buisman, G. Schat, O.S. Akkerman, F. Bickelhaupt, W.J.J. Smeets and A.L. Spek), 137

New refinement of the $Me_3E-E'Ph_3$ ($E = Ge, E' = Sn; E = Sn, E' = Ge$) isomeric compounds and the crystal structure of their solid solution (L. Párkányi, A. Kálmann, K.H. Pannel and H. Sharma), 153

Reactions of mercuric acetate with pentacarbonyliron in alcohols.

Crystal and molecular structures of $Hg[Fe(COOR)(CO)_4]_2$ ($R = CH_3, C_2H_5$) (A.E. Mauro, V.A. De Lucca Neto, J.R. Zamian, R.H. De Almeida Santos, M.T. Do Prado Gambarella, J.R. Lechat and H.R. Rechenberg), 13

Steric effects in triorganosilanes: crystal and molecular structure of tribenzylsilane, a silane isomorphous with the corresponding silanol (C. Glidewell and P. Lightfoot), 175

Synthesis and structural characterization of cobalt complexes derived from conjugated tetraynes (J. Lewis, B. Lin, M.S. Khan, M.R.A. Al-Mandhary and P.R. Raithby), 161

The reaction of R,S and $R,R/S,S-[Fe_2\{\eta,\eta-C_5H_4CH(NMe_2)-CH(NMe_2)C_5H_4\}(CO)_2(\mu-CO)_2]$ and $[Fe_2\{\eta,\eta-C_5H_4CH_2CH(NMe_2)C_5H_4\}(CO)_2(\mu-CO)_2]$ with alkylating agents. Preparation, structure and spectra of $[Fe_2\{\eta,\eta-C_5H_4CH(NMe_2)C_5H_4\}(CO)_2(\mu-CO)_2]^+$ and $[Fe_2\{\eta,\eta-C_5H_4CH_2CH(NMe_2)C_5H_4\}(CO)_2(\mu-CO)_2]^+$ salts (M.G. Cox, A.R. Manning, P. Soye, P. McArdle and D. Cunningham), 97

Cyclometallation

Cyclometallated compounds of Pd(II) with pyrazole derivatives. Unusual double palladation of diarylbis(*N*-pyrazolyl)methanes (M.T. Alonso, O. Juanes, J. De Mendoza and J.C. Rodríguez-Ubis), 19

Cyclopalladated compounds

Nucleophilic additions to palladium(II)-activated C=C bonds: synthesis of cyclopalladated 8-substituted quinoline derivatives (J. Dupont, R.A.P. Halfen, F.K. Zinn and M. Pfeffer), C8

Cyclopentadienyl

Mehrach cyclopentadienylsubstituierte Disilane und Trisilane (K. Schenzel und K. Hassler), C1

Reaction of uranium tetrachloride with trimethylsilylcyclopentadiene: crystal structure of a dichloromethane adduct of $[(U(cp)_2(\mu-Cl)_3(\mu_3-Cl)_2]_2[U(cp)Cl_2]_2(\mu-Cl)_3$ ($cp = \eta-C_5H_5$) (T. Arligue, M. Ephritikhine, M. Lance, J. Vigner and M. Nierlich), 195

The reaction of R,S and $R,R/S,S-[Fe_2\{\eta,\eta-C_5H_4CH(NMe_2)-CH(NMe_2)C_5H_4\}(CO)_2(\mu-CO)_2]$ and $[Fe_2\{\eta,\eta-C_5H_4CH_2CH(NMe_2)C_5H_4\}(CO)_2(\mu-CO)_2]$ with alkylating agents. Preparation, structure and spectra of $[Fe_2\{\eta,\eta-C_5H_4CH(NMe_2)C_5H_4\}(CO)_2(\mu-CO)_2]^+$ and $[Fe_2\{\eta,\eta-C_5H_4CH_2CH(NMe_2)C_5H_4\}(CO)_2(\mu-CO)_2]^+$ salts (M.G. Cox, A.R. Manning, P. Soye, P. McArdle and D. Cunningham), 97

Decarbonylation

Synthesis and characterization of some amine complexes of boro-carboxyboranes and bromo(methoxycarbonyl)boranes (B. Györi, Z. Kovács, J. Emri and Z. Berente), 225

Diiodo

Bis(alkyne) complexes of the type [WI₂(CO)(NCR)(η²-R'C₂R')₂] (R = Et, 'Bu, Ph or CH₂Ph; R' = Me or Ph). X-ray crystal structure of [WI₂(CO)(NC'Bu)(η²-MeC₂Me)₂] (P.K. Baker, M.E. Harman, M.B. Hursthouse, A.J. Lavery, K.M.A. Malik, D.J. Muldoon and A. Shawcross), 169

Dinitrogen

Organometallic photochemistry in supercritical fluids: reactions of cyclopentadienyl carbonyl and phosphine carbonyl complexes of manganese with dinitrogen (J.A. Banister, M.W. George, S. Grubert, S.M. Howdle, M. Jobling, F.P.A. Johnson, S.L. Morrison, M. Poliakoff, U. Schubert and J.R. Westwell), 129

Dinuclear

Site selectivity in carbon monoxide insertion into a Pt–C σ-bond of the binuclear complex [(CH₃)ClPt(μ-Cl)(μ-Ph₂PPy)Pt(CH₃)(DMSO)]DMSO. Structural characterization of the derivatives [(CH₃CO)ClPt(μ-Cl)(μ-Ph₂PPy)Pt(CH₃)(DMSO)] and [(CH₃)ClPt(μ-Ph₂PPy)₂Pt(COCH₃)]⁺ (C.G. Arena, G. Ciani, D. Drommi, F. Faraone, D.M. Proserpio and E. Rotondo), 71

Diorganotellurides

Synthesis and spectra of novel diorganotellurides and diorganoditellurides. Potential polydentate hybrid organotellurium ligands (V. Srivastava, R. Batheja and A.K. Singh), 93

Diorganotellurides

Synthesis and spectra of novel diorganotellurides and diorganoditellurides. Potential polydentate hybrid organotellurium ligands (V. Srivastava, R. Batheja and A.K. Singh), 93

EHMO calculations

Site selectivity in carbon monoxide insertion into a Pt–C σ-bond of the binuclear complex [(CH₃)ClPt(μ-Cl)(μ-Ph₂PPy)Pt(CH₃)(DMSO)]DMSO. Structural characterization of the derivatives [(CH₃CO)ClPt(μ-Cl)(μ-Ph₂PPy)Pt(CH₃)(DMSO)] and [(CH₃)ClPt(μ-Ph₂PPy)₂Pt(COCH₃)]⁺ (C.G. Arena, G. Ciani, D. Drommi, F. Faraone, D.M. Proserpio and E. Rotondo), 71

Electrochemistry

Pentafluorophenyl complexes of palladium and platinum containing chelating and bridging Fe(C₅H₄PPh₂)₂ or Fe(C₅H₄SPh)₂ (S. Coco and P. Espinet), 113

Redox behaviour of ferrocene derivatives. VII. Chalcogen-bridged tri- and tetra-nuclear ferrocenes (P. Zanello, G. Opronolla, M. Herberhold and H.-D. Brendel), 67

Redox reactivity of azathiaferrocenophane complexes with copper(II) and palladium(II) (J.S. Kim, A.J. Bessire, R.A. Bartsch, R.A. Holwerda and B.P. Czech), 47

Estradiol derivative

Synthesis, X-ray structure and chemical properties of 17α-ferrocenylestradiol (D. Vichard, M. Gruselle, G. Jaouen, M.N. Nefedova, I.A. Mamedyarova, V.I. Sokolov and J. Vaissermann), 1

Ferrocene

Pentafluorophenyl complexes of palladium and platinum containing chelating and bridging Fe(C₅H₄PPh₂)₂ or Fe(C₅H₄SPh)₂ (S. Coco and P. Espinet), 113

Synthesis, X-ray structure and chemical properties of 17α-ferrocenylestradiol (D. Vichard, M. Gruselle, G. Jaouen, M.N. Nefedova, I.A. Mamedyarova, V.I. Sokolov and J. Vaissermann), 1

Ferrocenes

Redox behaviour of ferrocene derivatives. VII. Chalcogen-bridged tri- and tetra-nuclear ferrocenes (P. Zanello, G. Opronolla, M. Herberhold and H.-D. Brendel), 67

Ferrocenophanes

Redox reactivity of azathiaferrocenophane complexes with copper(II) and palladium(II) (J.S. Kim, A.J. Bessire, R.A. Bartsch, R.A. Holwerda and B.P. Czech), 47

Ferrocenylenones

Dry synthesis under microwave irradiation: synthesis of ferrocenylenones (D. Villemain, B. Martin, M. Puciova and S. Toma), 27

Flash vacuum thermolysis

Boron- and phosphorus-containing heterocycles: first evidence of a transient cyclic phosphaborolane with P–H and B–H bonds (A.-C. Gaumont, K. Bourumeau, J.-M. Denis and P. Guenot), 9

The generation of 1,1-dimethylsilanamine by flash vacuum thermolysis (M. Letulle, A. Systermans, J.-L. Ripoll and P. Guenot), 89

Fluxionality

The reaction of R,S and R,R/S,S-[Fe₂{η,η-C₅H₄CH(NMe₂)-CH(NMe₂)C₅H₄}(CO)₂(μ-CO)₂] and [Fe₂{η,η-C₅H₄CH₂CH(NMe₂)C₅H₄}(CO)₂(μ-CO)₂] with alkylating agents. Preparation, structure and spectra of [Fe₂{η,η-C₅H₄CH(NMe₂)CH(NMe₂)C₅H₄}(CO)₂(μ-CO)₂]⁺ and [Fe₂{η,η-C₅H₄CH₂CH(NMe₂)C₅H₄}(CO)₂(μ-CO)₂]⁺ salts (M.G. Cox, A.R. Manning, P. Soye, P. McArdle and D. Cunningham), 97

Germanium

Cyclic 1,8-naphthalenediyl compounds containing group 14 hetero atoms (M.A.G.M. Tinga, G.J.H. Buisman, G. Schat, O.S. Akkerman, F. Bickelhaupt, W.J.J. Smeets and A.L. Spek), 137

New refinement of the Me₃E–E'Ph₃ (E = Ge, E' = Sn; E = Sn, E' = Ge) isomeric compounds and the crystal structure of their solid solution (L. Párkányi, A. Kálman, K.H. Pannell and H. Sharma), 153

Gold

Synthesis, structural characterization and photophysical properties of ethyne–gold(I) complexes (T.E. Müller, S.W.-K. Choi, D.M.P. Mingos, D. Murphy, D.J. Williams and V.W.-W. Yam), 209

Group 8

Dry synthesis under microwave irradiation: synthesis of ferrocenylenones (D. Villemain, B. Martin, M. Puciova and S. Toma), 27

α-H elimination

Facile α-H Elimination in cationic zirconium alkyl complexes: formation of μ-CH₂ complexes as a possible deactivation pathway in polymerization catalysis (M. Bochmann, T. Cuena and D.T. Hardy), C10

Heterocycles

New heterocycles from the reaction of azoniaboratacyclopropane with isocyanides (D.J. Brauer, H. Bürger, T. Hagen and G. Pawelke), 107

HRMS

The generation of 1,1-dimethylsilanamine by flash vacuum thermolysis (M. Letulle, A. Systermans, J.-L. Ripoll and P. Guenot), 89

Hydrocarbon bridges

Kohlenwasserstoffverbrückte Metallkomplexe. XXXI. 2,4-Bis(pentacarbonylmangan- und rhodium)but-3-enolide aus Fumarsäuredichlorid und Carbonylmallatten (V. Weinrich, C. Robl und W. Beck), 233

Hydrogen bonding

The reaction of *R,S* and *R,R/S,S*-[Fe₂{ η,η -C₅H₄CH(NMe₂)-CH(NMe₂)C₅H₄}(CO)₂(μ -CO)₂] and [Fe₂{ η,η -C₅H₄CH₂CH(NMe₂)C₅H₄}(CO)₂(μ -CO)₂] with alkylating agents. Preparation, structure and spectra of [Fe₂{ η,η -C₅H₄CH(NMe₂)C₅H₄}(CO)₂(μ -CO)₂]⁺ and [Fe₂{ η,η -C₅H₄CH₂CH(NMe₂)C₅H₄}(CO)₂(μ -CO)₂]⁺ salts (M.G. Cox, A.R. Manning, P. Soye, P. McArdle and D. Cunningham), 97

Hydrosilylation

Catalysis of hydrosilylation. Part XXV. Effect of nickel(0) and nickel(II) complex catalysts on dehydrogenative silylation, hydrosilylation and dimerization of vinyltriethoxysilane (B. Marciniec, H. Maciejewski and U. Rosenthal), 147

Infrared spectroscopy

Darstellung und Eigenschaften des Komplexes (dipy)*Ni*(η^2 -PhC₂SiMe₃). Zur Korrelation struktureller Bindungsparameter mit IR- und NMR-spektroskopischen Daten in Übergangsmetall-Alkin-Komplexen (U. Rosenthal, C. Nauck, P. Arndt, S. Pulst, W. Baumann, V.V. Burlakov und H. Görls), 81

Mehrzahl cyclopentadienylsubstituierte Disilane und Trisilane (K. Schenzel und K. Hassler), C1

Reactions of mercuric acetate with pentacarbonyliron in alcohols.

Crystal and molecular structures of Hg[Fe(COOR)(CO)₄]₂ (R = CH₃, C₂H₅) (A.E. Mauro, V.A. De Lucca Neto, J.R. Zamian, R.H. De Almeida Santos, M.T. Do Prado Gambarde, J.R. Lechat and H.R. Rechenberg), 13

Iodides

Uranium complexes with hydrotris(pyrazolyl) borate (M.P.C. Campello, Á. Domingos and I. Santos), 37

Iron

Reactions of mercuric acetate with pentacarbonyliron in alcohols. Crystal and molecular structures of Hg[Fe(COOR)(CO)₄]₂ (R = CH₃, C₂H₅) (A.E. Mauro, V.A. De Lucca Neto, J.R. Zamian, R.H. De Almeida Santos, M.T. Do Prado Gambarde, J.R. Lechat and H.R. Rechenberg), 13

Redox behaviour of ferrocene derivatives. VII. Chalcogen-bridged tri- and tetra-nuclear ferrocenes (P. Zanello, G. Opronolla, M. Herberhold and H.-D. Brendel), 67

Redox reactivity of azathiaferrocenophane complexes with copper(II) and palladium(II) (J.S. Kim, A.J. Bessire, R.A. Bartsch, R.A. Holwerda and B.P. Czech), 47

Synthesis, X-ray structure and chemical properties of 17 α -ferrocenylestradiol (D. Vichard, M. Gruselle, G. Jaouen, M.N. Nefedova, I.A. Mamedyarova, V.I. Sokolov and J. Vaissermann), 1

The reaction of *R,S* and *R,R/S,S*-[Fe₂{ η,η -C₅H₄CH(NMe₂)-CH(NMe₂)C₅H₄}(CO)₂(μ -CO)₂] and [Fe₂{ η,η -C₅H₄CH₂CH(NMe₂)C₅H₄}(CO)₂(μ -CO)₂] with alkylating agents. Preparation, structure and spectra of [Fe₂{ η,η -C₅H₄CH(NMe₂)C₅H₄}(CO)₂(μ -CO)₂]⁺ and [Fe₂{ η,η -C₅H₄CH₂CH(NMe₂)C₅H₄}(CO)₂(μ -CO)₂]⁺ salts (M.G. Cox, A.R. Manning, P. Soye, P. McArdle and D. Cunningham), 97

Ketone

Zirkonadihydrofuran-Komplexe: Darstellung, Struktur und Reaktivitäts-Betrachtungen (U. Rosenthal, A. Ohff, W. Baumann, A. Tillack, H. Görls, V.V. Burlakov und V.B. Shur), 203

Kinetics

Kinetics of chain reactions between organochromium macrocyclic complexes and iodine (S. Shi and H.C. Zeng), 59

Lithium

Cyclic 1,8-naphthalenediyi compounds containing group 14 hetero atoms (M.A.G.M. Tinga, G.J.H. Buisman, G. Schat, O.S. Akkerman, F. Bickelhaupt, W.J.J. Smeets and A.L. Spek), 137

Macrocyclic

Kinetics of chain reactions between organochromium macrocyclic complexes and iodine (S. Shi and H.C. Zeng), 59

Manganese

Kohlenwasserstoffverbrückte Metallkomplexe. XXXI. 2,4-Bis(pentacarbonylmangan- und rhenium)but-3-enolide aus Fumarsäuredichlorid und Carbonylmallaten (V. Weinrich, C. Robl und W. Beck), 233

Organometallic photochemistry in supercritical fluids: reactions of cyclopentadienyl carbonyl and phosphine carbonyl complexes of manganese with dinitrogen (J.A. Banister, M.W. George, S. Grubert, S.M. Howdle, M. Jobling, F.P.A. Johnson, S.L. Morrison, M. Poliakoff, U. Schubert and J.R. Westwell), 129

5-, 6-membered rings

Cyclometallated compounds of Pd(II) with pyrazole derivatives. Unusual double palladation of diarylbis(*N*-pyrazolyl)methanes (M.T. Alonso, O. Juanes, J. De Mendoza and J.C. Rodríguez-Ubis), 19

Mercury

Reactions of mercuric acetate with pentacarbonyliron in alcohols. Crystal and molecular structures of Hg[Fe(COOR)(CO)₄]₂ (R = CH₃, C₂H₅) (A.E. Mauro, V.A. De Lucca Neto, J.R. Zamian, R.H. De Almeida Santos, M.T. Do Prado Gambarde, J.R. Lechat and H.R. Rechenberg), 13

Metal carbonyl

Kohlenwasserstoffverbrückte Metallkomplexe. XXXI. 2,4-Bis(pentacarbonylmangan- und rhenium)but-3-enolide aus Fumarsäuredichlorid und Carbonylmallaten (V. Weinrich, C. Robl und W. Beck), 233

Metal carbonyl anions

Kohlenwasserstoffverbrückte Metallkomplexe. XXXI. 2,4-Bis(pentacarbonylmangan- und rhenium)but-3-enolide aus Fumarsäuredichlorid und Carbonylmallaten (V. Weinrich, C. Robl und W. Beck), 233

Metallacycle

Nucleophilic additions to palladium(II)-activated C=C bonds: synthesis of cyclopalladated 8-substituted quinoline derivatives (J. Dupont, R.A.P. Halfen, F.K. Zinn and M. Pfeffer), C8

Selectivity in reactions of a dimethylplatinacyclopentane complex (M. Rashidi, N. Shahabadi, A.R. Esmaeilbeig, M. Joshaghani and R.J. Puddephatt), 53

Metallacycle

Zirkonadihydrofuran-Komplexe: Darstellung, Struktur und Reaktivitäts-Betrachtungen (U. Rosenthal, A. Ohff, W. Baumann, A. Tillack, H. Görls, V.V. Burlakov und V.B. Shur), 203

Metallocio-butanolide

Kohlenwasserstoffverbrückte Metallkomplexe. XXXI. 2,4-Bis(pentacarbonylmangan- und rhenium)but-3-enolide aus Fumarsäuredichlorid und Carbonylmallaten (V. Weinrich, C. Robl und W. Beck), 233

Metallocene

Dry synthesis under microwave irradiation: synthesis of ferrocenyl enones (D. Villemain, B. Martin, M. Puciova and S. Toma), 27

Metallocenes

Zirkonadihydrofuran-Komplexe: Darstellung, Struktur und Reaktivitäts-Betrachtungen (U. Rosenthal, A. Ohff, W. Baumann, A. Tillack, H. Görls, V.V. Burlakov und V.B. Shur), 203

- Zum Reaktionsverhalten eines Vinylidentitanocen-Intermediates gegenüber protischen Agenzien—selektive Synthesen von 1-Alkenyltitanoconverbindungen (R. Beckhaus, J. Sang, J. Oster und T. Wagner), 179**
- Microwaves**
Dry synthesis under microwave irradiation: synthesis of ferrocenylenones (D. Villemain, B. Martin, M. Puciova and S. Toma), 27
- Mössbauer spectroscopy**
Reactions of mercuric acetate with pentacarbonyliron in alcohols. Crystal and molecular structures of $\text{Hg}[\text{Fe}(\text{COOR})(\text{CO})_4]_2$ ($\text{R} = \text{CH}_3, \text{C}_2\text{H}_5$) (A.E. Mauro, V.A. De Lucca Neto, J.R. Zamian, R.H. De Almeida Santos, M.T. Do Prado Gambarella, J.R. Lechat and H.R. Rechenberg), 13
- Naphthalenediyl**
Cyclic 1,8-naphthalenediyl compounds containing group 14 hetero atoms (M.A.G.M. Tinga, G.J.H. Buisman, G. Schat, O.S. Akkerman, F. Bickelhaupt, W.J.J. Smeets and A.L. Spek), 137
- Nickel**
Catalysis of hydrosilylation. Part XXV. Effect of nickel(0) and nickel(II) complex catalysts on dehydrogenative silylation, hydrosilylation and dimerization of vinyltriethoxysilane (B. Marciniec, H. Maciejewski and U. Rosenthal), 147
Darstellung und Eigenschaften des Komplexes (dipy) $\text{Ni}(\eta^2-\text{PhC}_2\text{SiMe}_3)$. Zur Korrelation struktureller Bindungsparameter mit IR- und NMR-spektroskopischen Daten in Übergangsmetall-Alkin-Komplexen (U. Rosenthal, C. Nauck, P. Arndt, S. Pulst, W. Baumann, V.V. Burlakov und H. Görts), 81
- Nitrile**
Bis(alkyne) complexes of the type $[\text{WI}_2(\text{CO})(\text{NCR})(\eta^2-\text{R}'\text{C}_2\text{R}')_2]$ ($\text{R} = \text{Et}, ^1\text{Bu}, \text{Ph}$ or CH_2Ph ; $\text{R}' = \text{Me}$ or Ph). X-ray crystal structure of $[\text{WI}_2(\text{CO})(\text{NC}^1\text{Bu})(\eta^2-\text{MeC}_2\text{Me})_2]$ (P.K. Baker, M.E. Harman, M.B. Hursthouse, A.J. Laverty, K.M.A. Malik, D.J. Muldoon and A. Shawcross), 169
- NMR**
Darstellung und Eigenschaften des Komplexes (dipy) $\text{Ni}(\eta^2-\text{PhC}_2\text{SiMe}_3)$. Zur Korrelation struktureller Bindungsparameter mit IR- und NMR-spektroskopischen Daten in Übergangsmetall-Alkin-Komplexen (U. Rosenthal, C. Nauck, P. Arndt, S. Pulst, W. Baumann, V.V. Burlakov und H. Görts), 81
Pentafluorophenyl complexes of palladium and platinum containing chelating and bridging $\text{Fe}(\text{C}_5\text{H}_4\text{PPh}_2)_2$ or $\text{Fe}(\text{C}_5\text{H}_4\text{SPh})_2$ (S. Coco and P. Espinet), 113
- Nuclear magnetic resonance**
Uranium complexes with hydrotris(pyrazolyl) borate (M.P.C. Campello, Á. Domingos and I. Santos), 37
- Nucleophilic additions**
Nucleophilic additions to palladium(II)-activated C=C bonds: synthesis of cyclopalladated 8-substituted quinoline derivatives (J. Dupont, R.A.P. Halfen, F.K. Zinn and M. Pfeffer), C8
- Olefin polymerization**
Facile α -H Elimination in cationic zirconium alkyl complexes: formation of $\mu\text{-CH}_2$ complexes as a possible deactivation pathway in polymerization catalysis (M. Bochmann, T. Cuenca and D.T. Hardy), C10
- Open-edged**
Bicyclisches As_6 als Komplexligand (O.J. Scherer, J. Schulze und G. Wolmershäuser), C5
- Organochromium**
Kinetics of chain reactions between organochromium macrocyclic complexes and iodine (S. Shi and H.C. Zeng), 59
- Organometallic**
Synthesis, X-ray structure and chemical properties of 17α -ferrocenylestradiol (D. Vichard, M. Gruselle, G. Jaouen, M.N. Nefedova, I.A. Mamedyarova, V.I. Sokolov and J. Vaissermann), 1
- Palladium**
Cyclometallated compounds of Pd(II) with pyrazole derivatives. Unusual double palladation of diarylbis(*N*-pyrazolyl)methanes (M.T. Alonso, O. Juanes, J. De Mendoza and J.C. Rodriguez-Ubis), 19
Nucleophilic additions to palladium(II)-activated C=C bonds: synthesis of cyclopalladated 8-substituted quinoline derivatives (J. Dupont, R.A.P. Halfen, F.K. Zinn and M. Pfeffer), C8
Pentafluorophenyl complexes of palladium and platinum containing chelating and bridging $\text{Fe}(\text{C}_5\text{H}_4\text{PPh}_2)_2$ or $\text{Fe}(\text{C}_5\text{H}_4\text{SPh})_2$ (S. Coco and P. Espinet), 113
Redox reactivity of azathiaferrocenophane complexes with copper(II) and palladium(II) (J.S. Kim, A.J. Bessire, R.A. Bartsch, R.A. Holwerda and B.P. Czech), 47
- Pentafluorophenyl**
Pentafluorophenyl complexes of palladium and platinum containing chelating and bridging $\text{Fe}(\text{C}_5\text{H}_4\text{PPh}_2)_2$ or $\text{Fe}(\text{C}_5\text{H}_4\text{SPh})_2$ (S. Coco and P. Espinet), 113
- Phase transfer catalysis**
Dry synthesis under microwave irradiation: synthesis of ferrocenylenones (D. Villemain, B. Martin, M. Puciova and S. Toma), 27
- Phosphaborolane**
Boron- and phosphorus-containing heterocycles: first evidence of a transient cyclic phosphaborolane with P–H and B–H bonds (A.-C. Gaumont, K. Bourumeau, J.-M. Denis and P. Guenot), 9
- Phosphine**
Organometallic photochemistry in supercritical fluids: reactions of cyclopentadienyl carbonyl and phosphine carbonyl complexes of manganese with dinitrogen (J.A. Banister, M.W. George, S. Grubert, S.M. Howdle, M. Jobling, F.P.A. Johnson, S.L. Morrison, M. Poliakoff, U. Schubert and J.R. Westwell), 129
Synthesis, structural characterization and photophysical properties of ethyne–gold(I) complexes (T.E. Müller, S.W.-K. Choi, D.M.P. Mingos, D. Murphy, D.J. Williams and V.W.-W. Yam), 209
- Phosphine boranes**
Boron- and phosphorus-containing heterocycles: first evidence of a transient cyclic phosphaborolane with P–H and B–H bonds (A.-C. Gaumont, K. Bourumeau, J.-M. Denis and P. Guenot), 9
- Phosphorus**
Boron- and phosphorus-containing heterocycles: first evidence of a transient cyclic phosphaborolane with P–H and B–H bonds (A.-C. Gaumont, K. Bourumeau, J.-M. Denis and P. Guenot), 9
- Photochemistry**
Organometallic photochemistry in supercritical fluids: reactions of cyclopentadienyl carbonyl and phosphine carbonyl complexes of manganese with dinitrogen (J.A. Banister, M.W. George, S. Grubert, S.M. Howdle, M. Jobling, F.P.A. Johnson, S.L. Morrison, M. Poliakoff, U. Schubert and J.R. Westwell), 129
- Platinum**
Pentafluorophenyl complexes of palladium and platinum containing chelating and bridging $\text{Fe}(\text{C}_5\text{H}_4\text{PPh}_2)_2$ or $\text{Fe}(\text{C}_5\text{H}_4\text{SPh})_2$ (S. Coco and P. Espinet), 113

- Selectivity in reactions of a dimethylplatinacyclopentane complex** (M. Rashidi, N. Shahabadi, A.R. Esmaeilbeig, M. Joshaghani and R.J. Puddephatt), 53
- Site selectivity in carbon monoxide insertion into a Pt–C σ -bond of the binuclear complex $[(\text{CH}_3)\text{ClPt}(\mu-\text{Cl})(\mu-\text{Ph}_2\text{PPy})\text{Pt}(\text{CH}_3)\text{DMSO}]\text{DMSO}$. Structural characterization of the derivatives $[(\text{CH}_3\text{CO})\text{ClPt}(\mu-\text{Cl})(\mu-\text{Ph}_2\text{PPy})\text{Pt}(\text{CH}_3)\text{DMSO}]$ and $[(\text{CH}_3)\text{ClPt}(\mu-\text{Ph}_2\text{PPy})_2\text{Pt}(\text{COCH}_3)]^+$** (C.G. Arena, G. Ciani, D. Drommi, F. Faraone, D.M. Proserpio and E. Rotondo), 71
- Polydentate ligands**
- Synthesis and spectra of novel diorganotellurides and diorganoditellurides. Potential polydentate hybrid organotellurium ligands (V. Srivastava, R. Batheja and A.K. Singh), 93
- Pyrazole**
- Cyclometallated compounds of Pd(II) with pyrazole derivatives. Unusual double palladation of diarylbis(*N*-pyrazolyl)methanes (M.T. Alonso, O. Juanes, J. De Mendoza and J.C. Rodríguez-Ubis), 19
- Uranium complexes with hydrotris(pyrazolyl) borate (M.P.C. Campello, Á. Domingos and I. Santos), 37
- Rhenium**
- Kohlenwasserstoffverbrückte Metallkomplexe. XXXI. 2,4-Bis(pentacarbonylmangan- und rhenium)but-3-enolide aus Fumarsäuredichlorid und Carbonylmallaten (V. Weinrich, C. Robl und W. Beck), 233
- Ruthenium**
- Synthesis of optically active benzyl- α -d alcohols by asymmetric hydrogenation of benzaldehyde- α -d and its derivatives catalyzed by BINAP-Ru(II) complexes (T. Ohta, T. Tsutsumi and H. Takaya), 191
- Serotonin antagonist**
- 3,4-Functionalized silacyclopentanes. Synthesis of *trans*-4-amino-, azido- and alkyloxy-1-silacyclopentan-3-ols from 6-oxa-3-silabicyclo[3.1.0]hexanes (R. Boukherroub, G. Manuel, S. Mignani and D. Damour), 119
- Silacyclopentanols**
- 3,4-Functionalized silacyclopentanes. Synthesis of *trans*-4-amino-, azido- and alkyloxy-1-silacyclopentan-3-ols from 6-oxa-3-silabicyclo[3.1.0]hexanes (R. Boukherroub, G. Manuel, S. Mignani and D. Damour), 119
- Silane**
- Catalysis of hydrosilylation. Part XXV. Effect of nickel(O) and nickel(II) complex catalysts on dehydrogenative silylation, hydrosilylation and dimerization of vinyltriethoxysilane (B. Marciniec, H. Maciejewski and U. Rosenthal), 147
- Mehrach cyclopentadienylsubstituierte Disilane und Trisilane (K. Schenzel und K. Hassler), C1
- Silanamines**
- The generation of 1,1-dimethylsilanamine by flash vacuum thermolysis (M. Letulle, A. Systermans, J.-L. Ripoll and P. Guenot), 89
- Silanol**
- Steric effects in triorganosilanes: crystal and molecular structure of tribenzylsilane, a silane isomorphous with the corresponding silanol (C. Glidewell and P. Lightfoot), 175
- Silicon**
- Catalysis of hydrosilylation. Part XXV. Effect of nickel(O) and nickel(II) complex catalysts on dehydrogenative silylation, hydrosilylation and dimerization of vinyltriethoxysilane (B. Marciniec, H. Maciejewski and U. Rosenthal), 147
- Cyclic 1,8-naphthalenediyl compounds containing group 14 hetero atoms** (M.A.G.M. Tinga, G.J.H. Buisman, G. Schat, O.S. Akkerman, F. Bickelhaupt, W.J.J. Smeets and A.L. Spek), 137
- 3,4-Functionalized silacyclopentanes. Synthesis of *trans*-4-amino-, azido- and alkyloxy-1-silacyclopentan-3-ols from 6-oxa-3-silabicyclo[3.1.0]hexanes (R. Boukherroub, G. Manuel, S. Mignani and D. Damour), 119
- Steric effects in triorganosilanes: crystal and molecular structure of tribenzylsilane, a silane isomorphous with the corresponding silanol** (C. Glidewell and P. Lightfoot), 175
- ²⁹Si-NMR spectroscopy
- Mehrach cyclopentadienylsubstituierte Disilane und Trisilane (K. Schenzel und K. Hassler), C1
- Steroid**
- Synthesis, X-ray structure and chemical properties of 17 α -ferrocenylestradiol (D. Vichard, M. Gruselle, G. Jaouen, M.N. Nefedova, I.A. Mamedyarova, V.I. Sokolov and J. Vaissermann), 1
- Structure**
- Bicyclisches As₆ als Komplexligand (O.J. Scherer, J. Schulze und G. Wolmershäuser), C5
- Supercritical fluids**
- Organometallic photochemistry in supercritical fluids: reactions of cyclopentadienyl carbonyl and phosphine carbonyl complexes of manganese with dinitrogen (J.A. Banister, M.W. George, S. Grubert, S.M. Howdle, M. Jobling, F.P.A. Johnson, S.L. Morrison, M. Poliakoff, U. Schubert and J.R. Westwell), 129
- Synthesis**
- Dry synthesis under microwave irradiation: synthesis of ferrocenylenones (D. Villemin, B. Martin, M. Puciova and S. Toma), 27
- 3,4-Functionalized silacyclopentanes. Synthesis of *trans*-4-amino-, azido- and alkyloxy-1-silacyclopentan-3-ols from 6-oxa-3-silabicyclo[3.1.0]hexanes (R. Boukherroub, G. Manuel, S. Mignani and D. Damour), 119
- Nucleophilic additions to palladium(II)-activated C=C bonds: synthesis of cyclopalladated 8-substituted quinoline derivatives (J. Dupont, R.A.P. Halfen, F.K. Zinn and M. Pfeffer), C8
- The generation of 1,1-dimethylsilanamine by flash vacuum thermolysis (M. Letulle, A. Systermans, J.-L. Ripoll and P. Guenot), 89
- Tellurium**
- Synthesis and spectra of novel diorganotellurides and diorganoditellurides. Potential polydentate hybrid organotellurium ligands (V. Srivastava, R. Batheja and A.K. Singh), 93
- Tetraynes**
- Synthesis and structural characterization of cobalt complexes derived from conjugated tetraynes (J. Lewis, B. Lin, M.S. Khan, M.R.A. Al-Mandhary and P.R. Raithby), 161
- Tetrazoles**
- Crystal and molecular structure of 1-phenyl-1*H*-tetrazole-5-thiolato-trimethyltin(IV), Me₃SnSCN₄Ph, exhibiting unusual trimeric associations through intermolecular N → Sn bonds (R. Cea-Olivares, O. Jiménez-Sandoval, G. Espinosa-Pérez and C. Silvestru), 33
- Thorium**
- Bicyclisches As₆ als Komplexligand (O.J. Scherer, J. Schulze und G. Wolmershäuser), C5
- Tin**
- Crystal and molecular structure of 1-phenyl-1*H*-tetrazole-5-thiolato-trimethyltin(IV), Me₃SnSCN₄Ph, exhibiting unusual trimeric associations through intermolecular N → Sn bonds

- (R. Cea-Olivares, O. Jiménez-Sandoval, G. Espinosa-Pérez and C. Silvestru), 33
- New refinement of the $\text{Me}_3\text{E}-\text{E}'\text{Ph}_3$ ($\text{E} = \text{Ge}$, $\text{E}' = \text{Sn}$; $\text{E} = \text{Sn}$, $\text{E}' = \text{Ge}$) isomeric compounds and the crystal structure of their solid solution (L. Párkányi, A. Kálmán, K.H. Pannel and H. Sharma), 153
- Titanium**
- Zum Reaktionsverhalten eines Vinylidentitanocen-Intermediates gegenüber protischen Agenzien—selektive Synthesen von 1-Alkenyltitanocenverbindungen (R. Beckhaus, J. Sang, J. Oster und T. Wagner), 179
- Trimethylsilyl**
- Zirkonadihydrofuran-Komplexe: Darstellung, Struktur und Reaktivitäts-Betrachtungen (U. Rosenthal, A. Ohff, W. Baumann, A. Tillack, H. Görsls, V.V. Burlakov und V.B. Shur), 203
- Tungsten**
- Bis(alkyne) complexes of the type $[\text{WI}_2(\text{CO})(\text{NCR})(\eta^2-\text{R}'\text{C}_2\text{R}')_2]$ ($\text{R} = \text{Et}$, ^1Bu , Ph or CH_2Ph ; $\text{R}' = \text{Me}$ or Ph). X-ray crystal structure of $[\text{WI}_2(\text{CO})(\text{NC}^1\text{Bu})(\eta^2-\text{MeC}_2\text{Me})_2]$ (P.K. Baker, M.E. Harman, M.B. Hursthouse, A.J. Lavery, K.M.A. Malik, D.J. Muldoon and A. Shawcross), 169
- Uranium**
- Reaction of uranium tetrachloride with trimethylsilylcyclopentadiene: crystal structure of a dichloromethane adduct of $[(\text{U}(\text{cp})_2(\mu-\text{Cl}))_3(\mu_3-\text{Cl})_2][(\text{U}(\text{cp})\text{Cl}_2)_2(\mu-\text{Cl})_3]$ ($\text{cp} = \eta\text{-C}_5\text{H}_5$) (T. Arliguie, M. Ephritikhine, M. Lance, J. Vigner and M. Nierlich), 195
- Uranium complexes with hydrotris(pyrazolyl) borate (M.P.C. Campello, Á. Domingos and I. Santos), 37
- UV-visible spectra**
- Synthesis, structural characterization and photophysical properties of ethyne-gold(I) complexes (T.E. Müller, S.W.-K. Choi, D.M.P. Mingos, D. Murphy, D.J. Williams and V.W.-W. Yam), 209
- Vinyl complexes**
- Zum Reaktionsverhalten eines Vinylidentitanocen-Intermediates gegenüber protischen Agenzien—selektive Synthesen von 1-Alkenyltitanocenverbindungen (R. Beckhaus, J. Sang, J. Oster und T. Wagner), 179
- Vinylidene complexes**
- Zum Reaktionsverhalten eines Vinylidentitanocen-Intermediates gegenüber protischen Agenzien—selektive Synthesen von 1-Alkenyltitanocenverbindungen (R. Beckhaus, J. Sang, J. Oster und T. Wagner), 179
- X-ray analysis**
- New heterocycles from the reaction of azoniaboratacyclopropane with isocyanides (D.J. Brauer, H. Bürger, T. Hagen and G. Pawelke), 107
- X-ray crystal structure**
- Bis(alkyne) complexes of the type $[\text{WI}_2(\text{CO})(\text{NCR})(\eta^2-\text{R}'\text{C}_2\text{R}')_2]$ ($\text{R} = \text{Et}$, ^1Bu , Ph or CH_2Ph ; $\text{R}' = \text{Me}$ or Ph). X-ray crystal structure of $[\text{WI}_2(\text{CO})(\text{NC}^1\text{Bu})(\eta^2-\text{MeC}_2\text{Me})_2]$ (P.K. Baker, M.E. Harman, M.B. Hursthouse, A.J. Lavery, K.M.A. Malik, D.J. Muldoon and A. Shawcross), 169
- X-ray diffraction
- Darstellung und Eigenschaften des Komplexes (dipy) $\text{Ni}(\eta^2-\text{PhC}_2\text{SiMe}_3)$. Zur Korrelation struktureller Bindungsparameter mit IR- und NMR-spektroskopischen Daten in Übergangsmetall-Alkin-Komplexen (U. Rosenthal, C. Nauck, P. Arndt, S. Pulst, W. Baumann, V.V. Burlakov und H. Görsls), 81
- New refinement of the $\text{Me}_3\text{E}-\text{E}'\text{Ph}_3$ ($\text{E} = \text{Ge}$, $\text{E}' = \text{Sn}$; $\text{E} = \text{Sn}$, $\text{E}' = \text{Ge}$) isomeric compounds and the crystal structure of their solid solution (L. Párkányi, A. Kálmán, K.H. Pannel and H. Sharma), 153
- Uranium complexes with hydrotris(pyrazolyl) borate (M.P.C. Campello, Á. Domingos and I. Santos), 37
- X-ray structure**
- Reaction of uranium tetrachloride with trimethylsilylcyclopentadiene: crystal structure of a dichloromethane adduct of $[(\text{U}(\text{cp})_2(\mu-\text{Cl}))_3(\mu_3-\text{Cl})_2][(\text{U}(\text{cp})\text{Cl}_2)_2(\mu-\text{Cl})_3]$ ($\text{cp} = \eta\text{-C}_5\text{H}_5$) (T. Arliguie, M. Ephritikhine, M. Lance, J. Vigner and M. Nierlich), 195
- Site selectivity in carbon monoxide insertion into a Pt-C σ -bond of the binuclear complex $[(\text{CH}_3)_2\text{ClPt}(\mu-\text{Cl})(\mu-\text{Ph}_2\text{PPy})\text{Pt}-(\text{CH}_3)\text{XDMSO}]\text{DMSO}$. Structural characterization of the derivatives $[(\text{CH}_3\text{CO})\text{ClPt}(\mu-\text{Cl})(\mu-\text{Ph}_2\text{PPy})\text{Pt}(\text{CH}_3)-(\text{DMSO})]$ and $[(\text{CH}_3)_2\text{ClPt}(\mu-\text{Ph}_2\text{PPy})_2\text{Pt}(\text{COCH}_3)]^+$ (C.G. Arena, G. Ciani, D. Drommi, F. Faraone, D.M. Proserpio and E. Rotondo), 71
- Synthesis, X-ray structure and chemical properties of 17α -ferrocenylestradiol (D. Vichard, M. Gruselle, G. Jaouen, M.N. Nefedova, I.A. Mamedyarova, V.I. Sokolov and J. Vaissermann), 1
- X-ray structure C-H \cdots π interactions**
- Synthesis, structural characterization and photophysical properties of ethyne-gold(I) complexes (T.E. Müller, S.W.-K. Choi, D.M.P. Mingos, D. Murphy, D.J. Williams and V.W.-W. Yam), 209
- Ziegler catalysts**
- Facile α -H Elimination in cationic zirconium alkyl complexes: formation of $\mu\text{-CH}_2$ complexes as a possible deactivation pathway in polymerization catalysis (M. Bochmann, T. Cuenca and D.T. Hardy), C10
- Zirconium**
- Facile α -H Elimination in cationic zirconium alkyl complexes: formation of $\mu\text{-CH}_2$ complexes as a possible deactivation pathway in polymerization catalysis (M. Bochmann, T. Cuenca and D.T. Hardy), C10
- Zirkonadihydrofuran-Komplexe: Darstellung, Struktur und Reaktivitäts-Betrachtungen (U. Rosenthal, A. Ohff, W. Baumann, A. Tillack, H. Görsls, V.V. Burlakov und V.B. Shur), 203
- Book review**
- Organic Synthesis via Organometallics*, D. Enders, H.-J. Gais and W. Keim (Eds.) (J.R. Hanson), C13