



ELSEVIER

Available online at www.sciencedirect.com

SCIENCE @ DIRECT®

Journal of Organometallic Chemistry 667 (2003) 211–214

Journal
of Organo
metallic
Chemistrywww.elsevier.com/locate/jorgchem

Subject Index of Volume 667

Alcoholysis

Polychlorinated metallo-siloxanes of iron, molybdenum and tungsten - structure of 1-[dicarbonyl(η^5 -cyclopentadienyl)ferrio]-1,1,3,3,3-pentachlorodisiloxane, 35

Alkali-aminosilanolates

Aminosilanolates as precursors of four- and eight-membered (SiNSiO)-rings, 24

Alkene complexes

Reduction-induced double bond coordination and multiple C–H activation in fully-substituted titanocenes bearing a pendant double bond or an eight-membered hydrocarbyl *ansa*-chain, 154

Alkenes

Pd-catalyzed C-arylation of unsaturated compounds with pentavalent triarylantimony dicarboxylates, 176

Allenylidenes

Synthesis of Ru(II) complexes of the new 1-[(P-diphenyl)-2-phosphinoethyl]-3,5-dimethylpyrazole ligand and study of their reactivity toward terminal alkynes, 126

Aminosiloxanes

Aminosilanolates as precursors of four- and eight-membered (SiNSiO)-rings, 24

ansa-Titanocenes

Reduction-induced double bond coordination and multiple C–H activation in fully-substituted titanocenes bearing a pendant double bond or an eight-membered hydrocarbyl *ansa*-chain, 154

Antimony(V)

Pd-catalyzed C-arylation of unsaturated compounds with pentavalent triarylantimony dicarboxylates, 176

Arylation

Pd-catalyzed C-arylation of unsaturated compounds with pentavalent triarylantimony dicarboxylates, 176

Aryne complex

Generation of nickel(0)-aryne and nickel(II)-biphenyldiyl complexes via in situ dehydrohalogenation of arenes. Molecular structures of [Ni(2,2'-C₆H₄C₆H₄)(dcpe)] and C₂-hexabenzotriphenylene, 8

Benzyl-benzylidene-amine

On the mechanism of the cyclopalladation reaction of benzyl-benzylidene-amine with palladium(II) acetate in acetic acid, 192

Bridged dicyclopentadienyl ligands

Synthesis and characterization of organotransition metal double μ_3 -RCCO₂M (M = Mo, W) cluster complexes containing bridged dicyclopentadienyl ligands. Crystal structure of [μ_3 -MeCCO₂Mo(CO)₈]₂ [η^5 -C₅H₄C(O)CH₂]₂, 143

Bromogermane

PdCl₂ and NiCl₂-catalyzed hydrogen-halogen exchange for the convenient preparation of bromo- and iodosilanes and germanes, 90

Bromosilane

PdCl₂ and NiCl₂-catalyzed hydrogen-halogen exchange for the convenient preparation of bromo- and iodosilanes and germanes, 90

Cage compound

Synthesis and characterization of alkylgermasesquioxanes, 135

 ϵ -Caprolactone

Syntheses of bis- and tetra(trimethylsilyl) substituted lanthanocene methyl complexes and their catalyses for polymerizations of methyl methacrylate, ϵ -caprolactone and L-lactide, 42

Carbonyls

The first pyrazole molybdenum(0) complexes: *cis*-[Mo(CO)₄-(Hdmpz)₂] crystallizes as a N–H···OC hydrogen-bonded dimer, 120

Carbosilane

Diels–Alder reaction of anthracene and *N*-ethylmaleimide on the carbosilane dendrimer, 96

Carbyne complexes

Alkynylcarbyne(bipyridine)dicarbonyl(trifluoroacetato) complexes—synthesis and detection of reversible association in solution, 16

Catalysts

New neutral nickel(II) complexes bearing pyrrole-imine chelate ligands: synthesis, structure and norbornene polymerization behavior, 185

C–H activation

Dehydrogenation of cyclohexenes to cyclohexadienes by [(PPh₃)₂Rh]⁺. The isolation of an intermediate in the dehydrogenation of cyclohexane to benzene: crystal structure of [(η^4 -C₆H₈)Rh(PPh₃)₂][*closo*-CB₁₁H₆Br₆], 1

Reduction-induced double bond coordination and multiple C–H activation in fully-substituted titanocenes bearing a pendant double bond or an eight-membered hydrocarbyl *ansa*-chain, 154

Clusters

Synthesis and characterization of organotransition metal double μ_3 -RCCO₂M (M = Mo, W) cluster complexes containing bridged dicyclopentadienyl ligands. Crystal structure of [μ_3 -MeCCO₂Mo(CO)₈]₂ [η^5 -C₅H₄C(O)CH₂]₂, 143

Cobalt

Synthesis and characterization of organotransition metal double μ_3 -RCCO₂M (M = Mo, W) cluster complexes containing bridged dicyclopentadienyl ligands. Crystal structure of [μ_3 -MeCCO₂Mo(CO)₈]₂ [η^5 -C₅H₄C(O)CH₂]₂, 143

Complexes

Ruthenium complexes with 1,1'-biisoquinoline as ligand. Synthesis and hydrogenation activity, 197

Concentration-dependence

Alkynylcarbyne(bipyridine)dicarbonyl(trifluoroacetato) complexes—synthesis and detection of reversible association in solution, 16

Constrained geometry catalyst

Syntheses of dinuclear titanium constrained geometry complexes with polymethylene bridges and their copolymerization properties, 53

Co-ordination chemistry

Synthesis and transition metal chemistry of 'phosphonide' ligands: a comparison of the reactivity and electronic properties of diphenyl-*P*-perfluoro-octanoyl-phosphine, *P*-acetyl-diphenyl-

- phosphine and *P*-anisoyl-diphenylphosphine. X-ray crystal structure of $[\text{RhCp}^*(\text{Ph}_2\text{PC}(\text{O})\text{CH}_3)_2\text{Cl}_2]$, 112
- Cross-coupling
Pd-catalyzed C-arylation of unsaturated compounds with pentavalent triarylantimony dicarboxylates, 176
- Crystal structure
Synthesis and crystal structure of a novel pentanuclear complex of tin (IV) with heterocyclic sulfur and nitrogen donor ligands, 5
- Cyclohexene
Dehydrogenation of cyclohexenes to cyclohexadienes by $[(\text{PPh}_3)_2\text{Rh}]^+$. The isolation of an intermediate in the dehydrogenation of cyclohexane to benzene: crystal structure of $[(\eta^4\text{-C}_6\text{H}_8)\text{Rh}(\text{PPh}_3)_2][\textit{closo}\text{-CB}_{11}\text{H}_6\text{Br}_6]$, 1
- Cyclometallation
On the mechanism of the cyclopalladation reaction of benzylbenzylidene-amine with palladium(II) acetate in acetic acid, 192
- Cyclotrimerisation
Generation of nickel(0)-aryne and nickel(II)-biphenyldiyl complexes via in situ dehydrohalogenation of arenes. Molecular structures of $[\text{Ni}(2,2'\text{-C}_6\text{H}_4\text{C}_6\text{H}_4)(\text{dcpe})]$ and C_2 -hexabenzotriphenylene, 8
- Dehydrogenation
Dehydrogenation of cyclohexenes to cyclohexadienes by $[(\text{PPh}_3)_2\text{Rh}]^+$. The isolation of an intermediate in the dehydrogenation of cyclohexane to benzene: crystal structure of $[(\eta^4\text{-C}_6\text{H}_8)\text{Rh}(\text{PPh}_3)_2][\textit{closo}\text{-CB}_{11}\text{H}_6\text{Br}_6]$, 1
- Dehydrohalogenation
Generation of nickel(0)-aryne and nickel(II)-biphenyldiyl complexes via in situ dehydrohalogenation of arenes. Molecular structures of $[\text{Ni}(2,2'\text{-C}_6\text{H}_4\text{C}_6\text{H}_4)(\text{dcpe})]$ and C_2 -hexabenzotriphenylene, 8
- Dendrimer
Diels–Alder reaction of anthracene and *N*-ethylmaleimide on the carbosilane dendrimer, 96
- Density functional calculations
Aminosilanolates as precursors of four- and eight-membered (SiNSiO)-rings, 24
- Denticity
Synthesis of titanium(IV) ferrocenylamine complexes, 73
- Diels–Alder
Diels–Alder reaction of anthracene and *N*-ethylmaleimide on the carbosilane dendrimer, 96
- Dihydrogen compounds
Rhenium pentahydride complexes: characterisation and protonation reactions. Crystal structure of $\text{ReH}_5\text{L}^1\text{L}^2$ ($\text{L}^1 = \text{Ph}_2\text{PO}(\text{CH}_2)_2\text{OPPh}_2$; $\text{L}^2 = \text{P}(\text{OCH}_3)_3$, $\text{P}(\text{OCH}_2\text{CH}_3)_3$), 103
- 2-(Dimethylphosphinomethyl)phenylsilanes
2-(Dimethylphosphinomethyl)- and 2-(methylthiomethyl)phenyl silicon compounds: higher coordination with soft donors, 167
- 2-(Dimethylphosphinomethyl)phenylsilyl triflate
2-(Dimethylphosphinomethyl)- and 2-(methylthiomethyl)phenyl silicon compounds: higher coordination with soft donors, 167
- Dinuclear half-sandwich
Syntheses of dinuclear titanium constrained geometry complexes with polymethylene bridges and their copolymerization properties, 53
- Ethylene/styrene copolymerization
Syntheses of dinuclear titanium constrained geometry complexes with polymethylene bridges and their copolymerization properties, 53
- Ferrocenylamine ligands
Synthesis of titanium(IV) ferrocenylamine complexes, 73
- Germasesquioxane
Synthesis and characterization of alkylgermasesquioxanes, 135
- Germoxane
Synthesis and characterization of alkylgermasesquioxanes, 135
- Hafnocene
Reactions of oligosilyl potassium compounds with Group 4 metallocene dichlorides, 149
- Hemilabile ligands
Synthesis of Ru(II) complexes of the new 1-[(*P*-diphenyl)-2-phosphinoethyl]-3,5-dimethylpyrazole ligand and study of their reactivity toward terminal alkynes, 126
- Homogeneous catalysis
Ruthenium complexes with 1,1'-biisoquinoline as ligand. Synthesis and hydrogenation activity, 197
- Hydride compounds
Rhenium pentahydride complexes: characterisation and protonation reactions. Crystal structure of $\text{ReH}_5\text{L}^1\text{L}^2$ ($\text{L}^1 = \text{Ph}_2\text{PO}(\text{CH}_2)_2\text{OPPh}_2$; $\text{L}^2 = \text{P}(\text{OCH}_3)_3$, $\text{P}(\text{OCH}_2\text{CH}_3)_3$), 103
- Hydroformylation
Synthesis and transition metal chemistry of 'phosphonide' ligands: a comparison of the reactivity and electronic properties of diphenyl-*P*-perfluoro-octanoyl-phosphine, *P*-acetyl-diphenylphosphine and *P*-anisoyl-diphenylphosphine. X-ray crystal structure of $[\text{RhCp}^*(\text{Ph}_2\text{PC}(\text{O})\text{CH}_3)_2\text{Cl}_2]$, 112
- Hydrogenation
Ruthenium complexes with 1,1'-biisoquinoline as ligand. Synthesis and hydrogenation activity, 197
- Hydrogen bonds
The first pyrazole molybdenum(0) complexes: *cis*- $[\text{Mo}(\text{CO})_4(\text{Hdmpz})_2]$ crystallizes as a $\text{N-H}\cdots\text{OC}$ hydrogen-bonded dimer, 120
- Infrared spectra
Alkynylcarbyne(bipyridine)dicarbonyl(trifluoroacetato) complexes—synthesis and detection of reversible association in solution, 16
- Insertion reaction
Generation of nickel(0)-aryne and nickel(II)-biphenyldiyl complexes via in situ dehydrohalogenation of arenes. Molecular structures of $[\text{Ni}(2,2'\text{-C}_6\text{H}_4\text{C}_6\text{H}_4)(\text{dcpe})]$ and C_2 -hexabenzotriphenylene, 8
- Iodogermane
 PdCl_2 and NiCl_2 -catalyzed hydrogen–halogen exchange for the convenient preparation of bromo- and iodosilanes and germanes, 90
- Iodosilane
 PdCl_2 and NiCl_2 -catalyzed hydrogen–halogen exchange for the convenient preparation of bromo- and iodosilanes and germanes, 90
- L-Lactide
Syntheses of bis- and tetra(trimethylsilyl) substituted lanthanocene methyl complexes and their catalyses for polymerizations of methyl methacrylate, ϵ -caprolactone and L-lactide, 42
- Living polymerizations
Syntheses of bis- and tetra(trimethylsilyl) substituted lanthanocene methyl complexes and their catalyses for polymerizations of methyl methacrylate, ϵ -caprolactone and L-lactide, 42
- Macrocyclic
Synthesis and crystal structure of a novel pentanuclear complex of tin (IV) with heterocyclic sulfur and nitrogen donor ligands, 5
- Maleimide
Diels–Alder reaction of anthracene and *N*-ethylmaleimide on the carbosilane dendrimer, 96

Metalation

Polychlorinated metallo-siloxanes of iron, molybdenum and tungsten - structure of 1-[dicarbonyl(η^5 -cyclopentadienyl)ferrio]-1,1,3,3,3-pentachlorodisiloxane, 35

Metallo-siloxane

Polychlorinated metallo-siloxanes of iron, molybdenum and tungsten - structure of 1-[dicarbonyl(η^5 -cyclopentadienyl)ferrio]-1,1,3,3,3-pentachlorodisiloxane, 35

Methyl methacrylate

Syntheses of bis- and tetra(trimethylsilyl) substituted lanthanocene methyl complexes and their catalyses for polymerizations of methyl methacrylate, ϵ -caprolactone and L-lactide, 42

2-(Methylthiomethyl)phenylsilanes

2-(Dimethylphosphinomethyl)- and 2-(methylthiomethyl)phenyl silicon compounds: higher coordination with soft donors, 167

2-(Methylthiomethyl)phenylsilyl triflate

2-(Dimethylphosphinomethyl)- and 2-(methylthiomethyl)phenyl silicon compounds: higher coordination with soft donors, 167

Molybdenum

Alkynylcarbyne(bipyridine)dicarbonyl(trifluoroacetato) complexes—synthesis and detection of reversible association in solution, 16

Synthesis and characterization of organotransition metal double μ_3 -RCCO₂M (M = Mo, W) cluster complexes containing bridged dicyclopentadienyl ligands. Crystal structure of $[\mu_3\text{-MeCCO}_2\text{Mo}(\text{CO})_8]_2$ [η^5 -C₅H₄C(O)CH₂]₂, 143

The first pyrazole molybdenum(0) complexes: *cis*-[Mo(CO)₄(Hdmpz)₂] crystallizes as a N–H···OC hydrogen-bonded dimer, 120

Molybdenum complexes

Tetracarbonylmolybdenum complexes of 2-(phenylhydrazino)pyridine ligands. Correlations of spectroscopic data with pyridyl substituent effects, 81

Neodocene methyl

Syntheses of bis- and tetra(trimethylsilyl) substituted lanthanocene methyl complexes and their catalyses for polymerizations of methyl methacrylate, ϵ -caprolactone and L-lactide, 42

Neutral Ni(II) complexes

New neutral nickel(II) complexes bearing pyrrole-imine chelate ligands: synthesis, structure and norbornene polymerization behavior, 185

Nickel

Generation of nickel(0)-aryne and nickel(II)-biphenyldiyl complexes via in situ dehydrohalogenation of arenes. Molecular structures of [Ni(2,2'-C₆H₄C₆H₄)(dcp)] and C₂-hexabenzotriphenylene, 8

Nitrogen ligands

Ruthenium complexes with 1,1'-biisoquinoline as ligand. Synthesis and hydrogenation activity, 197

NMR

Modelling S_N2 nucleophilic substitution at silicon by structural correlation with X-ray crystallography and NMR spectroscopy, 66

Triorganoarsenic(V) compounds with internally functionalized oximes: synthetic and spectroscopic aspects of [R₃As(Cl)L], [R₃As(OH)L] and [R₃AsL₂]: crystal and molecular structure of [Pr^t₃AsOH]⁺Cl⁻, 61

Norbornene

New neutral nickel(II) complexes bearing pyrrole-imine chelate ligands: synthesis, structure and norbornene polymerization behavior, 185

Nuclear magnetic resonance

Tetracarbonylmolybdenum complexes of 2-(phenylhydrazino)pyridine ligands. Correlations of spectroscopic data with pyridyl substituent effects, 81

Nucleophilic substitution

Modelling S_N2 nucleophilic substitution at silicon by structural correlation with X-ray crystallography and NMR spectroscopy, 66

Oximes

Triorganoarsenic(V) compounds with internally functionalized oximes: synthetic and spectroscopic aspects of [R₃As(Cl)L], [R₃As(OH)L] and [R₃AsL₂]: crystal and molecular structure of [Pr^t₃AsOH]⁺Cl⁻, 61

Palladium-catalyzed

Pd-catalyzed C-arylation of unsaturated compounds with pentavalent triarylantimony dicarboxylates, 176

Palladium(II) acetate

On the mechanism of the cyclopalladation reaction of benzylbenzylidene-amine with palladium(II) acetate in acetic acid, 192

Pendant double bonds

Reduction-induced double bond coordination and multiple C–H activation in fully-substituted titanocenes bearing a pendant double bond or an eight-membered hydrocarbyl *ansa*-chain, 154

Pentacoordinate

Modelling S_N2 nucleophilic substitution at silicon by structural correlation with X-ray crystallography and NMR spectroscopy, 66

Pentanuclear complex

Synthesis and crystal structure of a novel pentanuclear complex of tin (IV) with heterocyclic sulfur and nitrogen donor ligands, 5

2-(Phenylhydrazino)pyridine complexes

Tetracarbonylmolybdenum complexes of 2-(phenylhydrazino)pyridine ligands. Correlations of spectroscopic data with pyridyl substituent effects, 81

Phosphines

Synthesis and transition metal chemistry of 'phosphomide' ligands: a comparison of the reactivity and electronic properties of diphenyl-*P*-perfluoro-octanoyl-phosphine, *P*-acetyl-diphenylphosphine and *P*-anisoyl-diphenylphosphine. X-ray crystal structure of [RhCp*(Ph₂PC(O)CH₃)Cl₂], 112

Phosphites

Rhenium pentahydride complexes: characterisation and protonation reactions. Crystal structure of ReH₅L¹L² (L¹ = Ph₂PO-(CH₂)₂OPPh₂; L² = P(OCH₃)₃, P(OCH₂CH₃)₃), 103

P–N ligands

Synthesis of Ru(II) complexes of the new 1-[(*P*-diphenyl)-2-phosphinoethyl]-3,5-dimethylpyrazole ligand and study of their reactivity toward terminal alkynes, 126

Polymethylene bridge

Syntheses of dinuclear titanium constrained geometry complexes with polymethylene bridges and their copolymerization properties, 53

Preparations X-ray structures

Synthesis of titanium(IV) ferrocenylamine complexes, 73

Pyrazoles

The first pyrazole molybdenum(0) complexes: *cis*-[Mo(CO)₄(Hdmpz)₂] crystallizes as a N–H···OC hydrogen-bonded dimer, 120

Rhenium

Rhenium pentahydride complexes: characterisation and protonation reactions. Crystal structure of ReH₅L¹L² (L¹ = Ph₂PO-(CH₂)₂OPPh₂; L² = P(OCH₃)₃, P(OCH₂CH₃)₃), 103

Rhodium

Dehydrogenation of cyclohexenes to cyclohexadienes by [(PPh₃)₂Rh]⁺. The isolation of an intermediate in the dehydrogenation of cyclohexane to benzene: crystal structure of [(η^4 -C₆H₈)Rh(PPh₃)₂][*closo*-CB₁₁H₆Br₆], 1

Rhodium complexes

Synthesis and transition metal chemistry of 'phosphomide' ligands: a comparison of the reactivity and electronic properties of diphenyl-*P*-perfluoro-octanoyl-phosphine, *P*-acetyl-diphenyl-phosphine and *P*-anisoyl-diphenylphosphine. X-ray crystal structure of [RhCp*(Ph₂PC(O)CH₃)Cl₂], 112

Ruthenium

Ruthenium complexes with 1,1'-biisoquinoline as ligand. Synthesis and hydrogenation activity, 197

Synthesis of Ru(II) complexes of the new 1-[(*P*-diphenyl)-2-phosphinoethyl]-3,5-dimethylpyrazole ligand and study of their reactivity toward terminal alkynes, 126

Samarocene methyl

Syntheses of bis- and tetra(trimethylsilyl) substituted lanthanocene methyl complexes and their catalyses for polymerizations of methyl methacrylate, ε-caprolactone and L-lactide, 42

Silicon

Aminosilanolates as precursors of four- and eight-membered (SiNSiO)-rings, 24

2-(Dimethylphosphinomethyl)- and 2-(methylthiomethyl)phenyl silicon compounds: higher coordination with soft donors, 167

Modelling S_N2 nucleophilic substitution at silicon by structural correlation with X-ray crystallography and NMR spectroscopy, 66

Polychlorinated metallo-siloxanes of iron, molybdenum and tungsten - structure of 1-[dicarbonyl(η⁵-cyclopentadienyl)ferrio]-1,1,3,3,3-pentachlorodisiloxane, 35

Siloxane

Diels–Alder reaction of anthracene and *N*-ethylmaleimide on the carbosilane dendrimer, 96

Silylanions

Reactions of oligosilyl potassium compounds with Group 4 metallocene dichlorides, 149

Silyl transition metal compounds

Reactions of oligosilyl potassium compounds with Group 4 metallocene dichlorides, 149

Si-pentacoordination

2-(Dimethylphosphinomethyl)- and 2-(methylthiomethyl)phenyl silicon compounds: higher coordination with soft donors, 167

Structural correlation

Modelling S_N2 nucleophilic substitution at silicon by structural correlation with X-ray crystallography and NMR spectroscopy, 66

Structure elucidation

Aminosilanolates as precursors of four- and eight-membered (SiNSiO)-rings, 24

Structures

Synthesis and characterization of alkylgermasesquioxanes, 135

Titanium

Reduction-induced double bond coordination and multiple C–H activation in fully-substituted titanocenes bearing a pendant double bond or an eight-membered hydrocarbyl *ansa*-chain, 154

Titanium(IV) complexes

Synthesis of titanium(IV) ferrocenylamine complexes, 73

Titanocene

Reduction-induced double bond coordination and multiple C–H activation in fully-substituted titanocenes bearing a pendant

double bond or an eight-membered hydrocarbyl *ansa*-chain, 154

Trialkylarsenic(V)

Triorganoarsenic(V) compounds with internally functionalized oximes: synthetic and spectroscopic aspects of [R₃As(Cl)L], [R₃As(OH)L] and [R₃AsL₂]: crystal and molecular structure of [Pr₃AsOH]⁺Cl[−], 61

Trimethylsilyl substituted samarocene methyl

Syntheses of bis- and tetra(trimethylsilyl) substituted lanthanocene methyl complexes and their catalyses for polymerizations of methyl methacrylate, ε-caprolactone and L-lactide, 42

Tungsten

Alkynylcarbyne(bipyridine)dicarbonyl(trifluoroacetato) complexes—synthesis and detection of reversible association in solution, 16

Synthesis and characterization of organotransition metal double μ₃-RCCO₂M (M = Mo, W) cluster complexes containing bridged dicyclopentadienyl ligands. Crystal structure of [μ₃-MeCCO₂Mo(CO)₈]₂ [η⁵-C₅H₄C(O)CH₂]₂, 143

Vinyl polymerization

New neutral nickel(II) complexes bearing pyrrole-imine chelate ligands: synthesis, structure and norbornene polymerization behavior, 185

Vinylidenes

Synthesis of Ru(II) complexes of the new 1-[(*P*-diphenyl)-2-phosphinoethyl]-3,5-dimethylpyrazole ligand and study of their reactivity toward terminal alkynes, 126

X-ray

Triorganoarsenic(V) compounds with internally functionalized oximes: synthetic and spectroscopic aspects of [R₃As(Cl)L], [R₃As(OH)L] and [R₃AsL₂]: crystal and molecular structure of [Pr₃AsOH]⁺Cl[−], 61

X-ray crystallography

Reduction-induced double bond coordination and multiple C–H activation in fully-substituted titanocenes bearing a pendant double bond or an eight-membered hydrocarbyl *ansa*-chain, 154

X-ray diffraction

Synthesis and characterization of alkylgermasesquioxanes, 135

X-ray structure

Dehydrogenation of cyclohexenes to cyclohexadienes by [(PPh₃)₂Rh]⁺. The isolation of an intermediate in the dehydrogenation of cyclohexane to benzene: crystal structure of [(η⁴-C₆H₈)Rh(PPh₃)₂][*closo*-CB₁₁H₆Br₆], 1

2-(Dimethylphosphinomethyl)- and 2-(methylthiomethyl)phenyl silicon compounds: higher coordination with soft donors, 167

Synthesis and characterization of organotransition metal double μ₃-RCCO₂M (M = Mo, W) cluster complexes containing bridged dicyclopentadienyl ligands. Crystal structure of [μ₃-MeCCO₂Mo(CO)₈]₂ [η⁵-C₅H₄C(O)CH₂]₂, 143

X-ray study

Modelling S_N2 nucleophilic substitution at silicon by structural correlation with X-ray crystallography and NMR spectroscopy, 66

Zirconocene

Reactions of oligosilyl potassium compounds with Group 4 metallocene dichlorides, 149