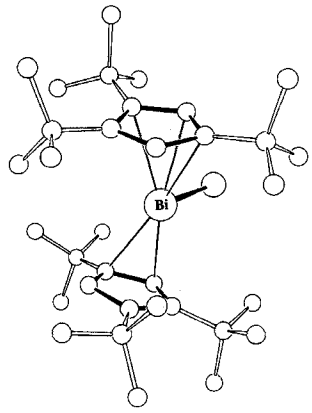
1335 **Sitzmann*, H., Wolmershäuser, G.**

Wismutverbindungen mit voluminösen, mehrfach alkylierten Cyclopentadienyl-Liganden

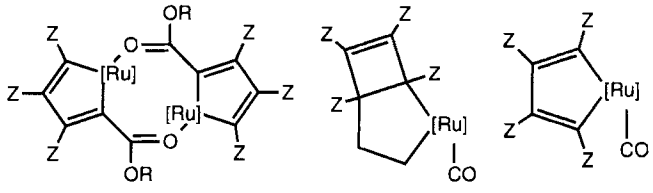
Bismuth Compounds with Crowded Multiply Alkylated Cyclopentadienyl Ligands



1343 **Lindner*, E., Kühbauch, H., Mayer, H. A.**

Darstellung, Eigenschaften und Reaktionen Metall-enthaltender Heterocyclen, XC. – Reaktivität unterschiedlich aktivierter Alkine gegenüber Ruthenium und Osmium-Komplexen des Typs $(\eta^2\text{-}C_2H_4)M(CO)_4$

Preparation, Properties, and Reactions of Metal-Containing Heterocycles, XC. – Reactivity of Differently Activated Alkynes toward Ruthenium and Osmium Complexes of the Type $(\eta^2\text{-}C_2H_4)M(CO)_4$

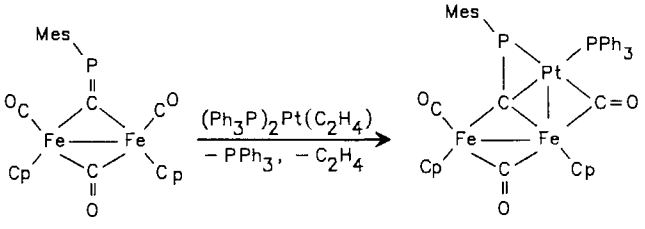


3 a,b 4 c-e 5 f,g

1349 **Weber*, L., Schumann, I., Stammler, H.-G., Neumann, B.**

Übergangsmetallsubstituierte Acylphosphane und Phosphaalkene, XXI. – Isophosphaalkine als μ_3-Liganden in Übergangsmetallkomplexen

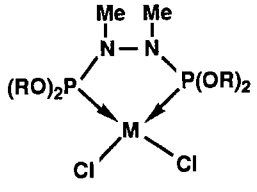
Transition-Metal-Substituted Acylphosphanes and Phosphaalkenes, XXI. – Isophosphaalkynes as μ_3-Ligands in Transition Metal Complexes



1355 **Reddy, V. S., Katti*, K. V., Barnes, C. L.**

Übergangsmetall-Chemie von Hauptgruppen-Element-Hydraziden, 9. – Platin-Komplexe von Diphosphanylhydraziden $R_2PN(Me)N(Me)PR_2 \cdot PtCl_2$ (R = OPh, $o\text{-}OC_6H_4CH_2CHCH_2$)

Transition Metal Chemistry of Main Group Hydrazides, 9. – Platinum Complexes of Diphosphanylhydrazides $R_2PN(Me)N(Me)PR_2 \cdot PtCl_2$ (R = OPh, $o\text{-}OC_6H_4CH_2CHCH_2$)

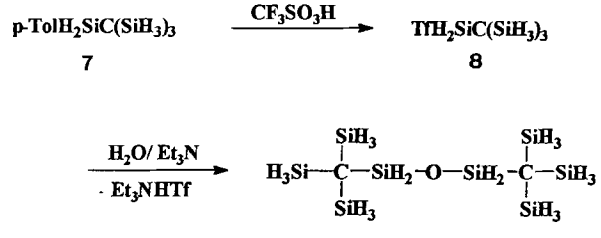


R = Ph
R = $o\text{-}C_6H_4(CH_2CH{=}CH_2)$

1359 **Bommers, S., Schmidbaur*, H.**

Ein Syntheseweg zu 1,3-Bis(trisilylmethyl)disiloxane $[(H_3Si)_3CSiH_2]_2O$ – dem Octasila-Analogen von Dineopentylether $[(H_3C)_3CCH_2]_2O$

A Synthetic Pathway to 1,3-Bis(trisilylmethyl)disiloxane $[(H_3Si)_3CSiH_2]_2O$ – the Octasila Analogue of Dineopentyl Ether $[(H_3C)_3CCH_2]_2O$



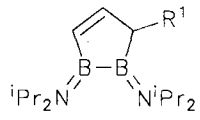
7 8 9

  0009–2940/94/0808–A 91 $ 10.00+.25/0

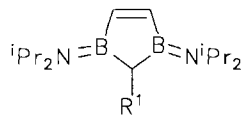
1363 **Gabbert, G., Pritzkow, H., Kaschke, M., Siebert*, W.**

Ein neuer Zugang zu 1,2- und 1,3-Diborol

A New Approach to 1,2- and 1,3-Diborole



2	c	d
R^1	H	Ph

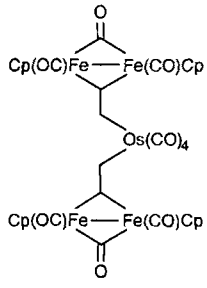


6	a	b
R^1	H	Ph

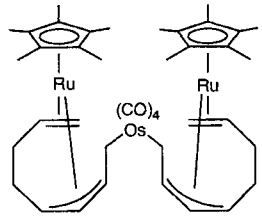
1369 **Hüffer, S., Wieser, M., Polborn, K., Sünkel, K., Beck*, W.**

Kohlenwasserstoffverbrückte Komplexe, XXX. – Nucleophile Addition von Carbonylmetallaten an kationische Vinyl-, Dien-, Dienyl- und Trien-Komplexe von Eisen, Ruthenium und Cobalt: Zwei-, drei-, vier- und fünfkernige Komplexe mit σ,σ- und σ,π-Kohlenwasserstoffbrücken

Hydrocarbon-Bridged Complexes, XXX. – Nucleophile Addition of Carbonylmetallates to Cationic Vinyl, Diene, Dienyl and Triene Complexes of Iron, Ruthenium and Cobalt: Di-, Tri-, Tetra- and Pentametallic Complexes with σ,σ- and σ,π-Hydrocarbon Bridges



3

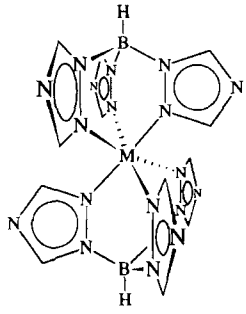


6

1379 **Janiak, C.**

Binäre [Hydrotris(1,2,4-triazolyl)borat]metall-Komplexe $[M\{HB(C_2H_2N_3)_3\}_2]$ mit M = Fe, Co, Cu, Zn: Synthese, Charakterisierung, Magnetochemie und Röntgenstruktur von $[Cu\{HB(C_2H_2N_3)_3\}_2] \cdot 4\ CH_3OH$ und $K[HB(C_2H_2N_3)_3] \cdot 2\ H_2O$

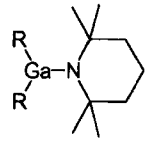
Binary [Hydrotris(1,2,4-triazolyl)borate]metal Complexes $[M\{HB(C_2H_2N_3)_3\}_2]$ with M = Fe, Co, Cu, Zn: Synthesis, Charakterization, Magnetochemistry, and X-ray Structure of $[Cu\{HB(C_2H_2N_3)_3\}_2] \cdot 4\ CH_3OH$ and $K[HB(C_2H_2N_3)_3] \cdot 2\ (H_2O)$



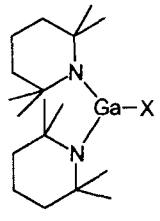
1387 **Linti*, G., Frey, R., Polborn, K.**

Zur Chemie des Galliums, IV. – Darstellung und Strukturen monomerer (2,2,6,6-Tetramethylpiperidino)gallane

On the Chemistry of Gallium Compounds, IV. – Synthesis and Structure of Monomeric (2,2,6,6-Tetramethylpiperidino)gallanes



R = Me, Et

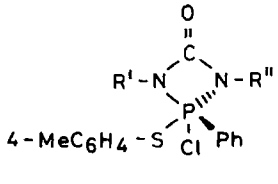


X = Hal, PhO, Organyl

1395 **Pinchuk, V. A., Neda, I., Müller, C., Fischer, A., Jones, P. G., Shermolovich, Yu. G., Schmutzler*, R.**

2-Chlor-2-phenyl-2-(*p*-tolylthio)-1,3-diorgano-1,3,2λ⁵-diazaphosphetidin-4-one

2-Chloro-2-phenyl-2-(*p*-tolylthio)-1,3-diorgano-1,3,2λ⁵-diazaphosphetidin-4-ones



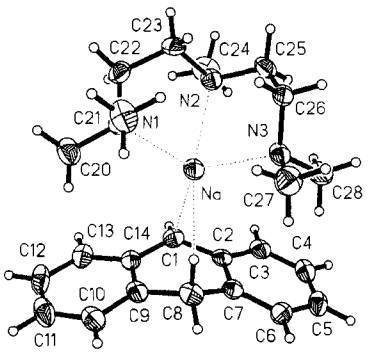
$R' = R'' = Me$: **6**

$R' = Ph, R'' = Me$: **7**

1399 **Viebrock, H., Behrens, U., Weiss*, E.**

Über Metallalkyl- und -aryl-Verbindungen, 53. – Synthese und Struktur von [9,10-Dihydroanthracenylnatrium(tmeda)]$_n$ und [9,10-Dihydroanthracenylnatrium(pmdta)] (tmeda = Tetramethylethylendiamin, pmdta = Pentamethyldiethylentriamin)

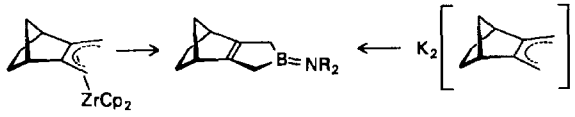
On Alkyl- and Arylmetal Compounds, 53. – Synthesis and Structure of [9,10-Dihydroanthracenylsodium(tmeda)]$_n$ and [9,10-Dihydroanthracenylsodium(pmdta)] (tmeda = tetramethylethylenediamine, pmdta = pentamethyldiethylenetriamine)



1401 **Herberich*, G. E., Spaniol, T. P., Steffan, U.**

3-Borolene mit diastereotopen Seiten: Synthese von 4-(Dialkylamino)-4-boratricyclo[5.2.1.0^{2,6}]dec-2(6)-enen und Struktur des Dimethylamino-Derivats

3-Borolenes with Diastereotopic Faces: Synthesis of 4-(Dialkylamino)-4-boratricyclo[5.2.1.0^{2,6}]dec-2(6)-enes and Structure of the Dimethylamino Derivative



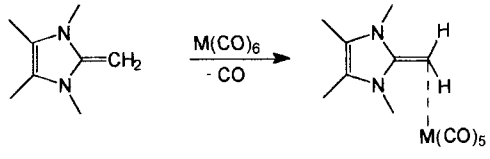
5 **1** **6**

a: R = Me, **b**: R = Et, **c**: R = *i*Pr

1405 **Kuhn*, N., Bohnen, H., Bläser, D., Boese, R.,**

Derivate des Imidazols, XI. – $(C_8H_{14}N_2)M(CO)_5$ (M = Mo, W) – Terminale Koordination eines Olefins in Pentacarbonylmetall-Komplexen

Imidazole Derivatives, XI. – $(C_8H_{14}N_2)M(CO)_5$ (M = Mo, W) – Terminal Coordination of an Olefin in Pentacarbonyl Metal Complexes



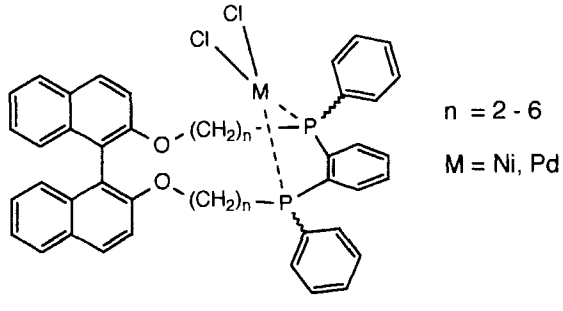
5 M = Mo(**a**), W(**b**) **6**

B Teil B: Organische Chemie / Part B: Organic Chemistry

1411 **Widhalm*, M., Klintschar, G.**

Synthese und Stereochemie chiraler Makrocyclen, die 1,2-Bis(phenylphosphanyl)benzol-Einheiten enthalten

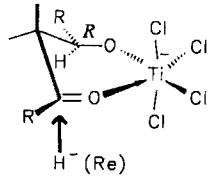
Synthesis and Stereochemistry of Chiral Macrocycles Including a 1,2-Bis(phenylphosphanyl)benzene Unit



1427 **Maier*, G., Seipp, U., Kalinowski, H.-O., Henrich, M.**

Festkörper-^{13}C-NMR-Spektroskopie, 1. – Titantetrachlorid-Komplexe von Diketonen: Ihre Bedeutung für Hydrid-Reduktionen und ihre Festkörper-NMR-Spektren

Solid-State ^{13}C-NMR Spectroscopy, 1. – Titanium Tetrachloride Complexes of Diketones: Their Importance for Hydride Reductions and Their Solid-State NMR Spectra

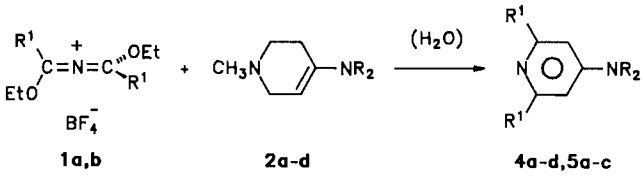


32

1437 **Schleimer, R., Würthwein*, E.-U.**

2,6-Disubstituierte 4-Aminopyridine aus 1,3-Dialkoxy-2-azapropenylium-Salzen und *N*-Methyl-4-piperidon-Enaminen

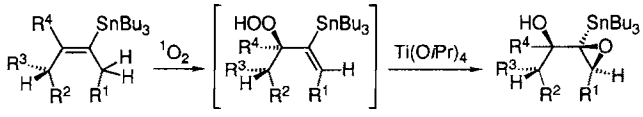
2,6-Disubstituted 4-Aminopyridines from 1,3-Dialkoxy-2-azapropenylium Salts and *N*-Methyl-4-piperidone Enamines



1441 **Adam*, W., Klug, P.**

Regio- und Diastereoselektive Synthese von Stannyl-epoxyalkoholen durch direkte Hydroxy-Epoxidierung von Vinylstannanen

Regio- and Diastereoselective Synthesis of Stannyl Epoxy Alcohols by Direct Hydroxy Epoxidation of Vinylstannanes

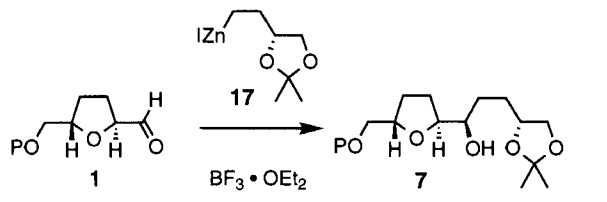


$R^1 = R^2 = H$, $[CH_2]_n$ (n = 1,2); R^3 = H, OH; R^4 = H, Me

1447 **Koert*, U., Wagner, H., Pidun, U.**

Stereoselektive Additionen chiraler funktionalisierter Organozink-Reagenzien an achirale und chirale Aldehyde: Ein „Matched-Mismatched"-Fall in der Organozink-Chemie

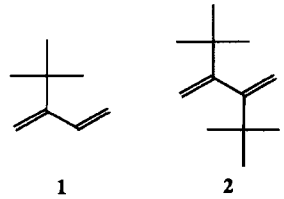
Stereoselective Additions of Chiral, Functionalized Organozinc Reagents to Achiral and Chiral Aldehydes: a Matched-Mismatched Case in Organozinc Chemistry



1459 **Trætteberg, M., Hopf*, H., Lipka, H., Hänel, R.**

Hochsubstituierte 1,3-Diene, IV. – Eine experimentelle und theoretische Studie über die stereochemischen Eigenschaften von 2-*tert*-Butyl-1,3-butadien und 2,3-Di-*tert*-butyl-1,3-butadien

Highly Substituted 1,3-Dienes, IV. – An Experimental and Theoretical Study of the Stereochemical Properties of 2-*tert*-Butyl-1,3-butadiene and 2,3-Di-*tert*-butyl-1,3-butadiene

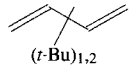


	1	2
dihedral angle (φ):	32.1°	101.5°

1469 **Trætteberg, M., Bakken, P., Hopf*, H., Hänel, R.**

Hochsubstituierte 1,3-Diene, V. – Eine theoretische Studie über die stereochemischen Effekte von *tert*-Butyl-Substituenten an 1,3-Butadien

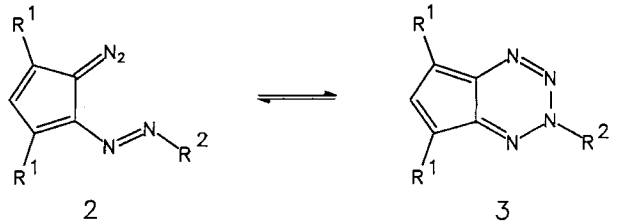
Highly Substituted 1,3-Dienes, V. – A Theoretical Study of the Stereochemical Effects of *tert*-Butyl Substituents in 1,3-Butadiene



1479 **Mackert, P. J., Hafner*, K., Nimmerfroh, N., Banert, K.**

Synthese, Struktur und Reaktivität von Cyclopenta-anellierten 1,2,3,4-Tetrazinen

Synthesis, Structure and Reactivity of Cyclopenta-annulated 1,2,3,4-Tetrazines

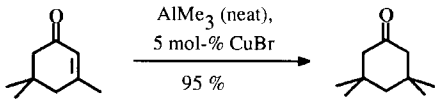


R^1: H, $(CH_3)_3C$; R^2: Ar

1489 **Kabbara*, J., Flemming, S., Nickisch, K., Neh, H., Westermann, J.**

Kupfer-katalysierte konjugierte Addition von Trimethylaluminium an α,β-ungesättigte Ketone

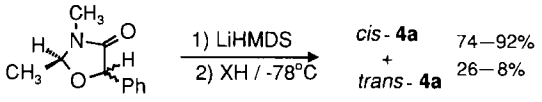
Copper-Catalyzed Conjugate Addition of Trimethylaluminium to α,β-Unsaturated Ketones



1495 **Hünig*, S., Keita, Y., Peters, K., von Schnering, H.-G.**

Stereoselektive Protonierung von Carbanionen, 3. – 1,3-Dioxolan-4-one und 1,3-Oxazolidin-4-one: Synthesen und diastereoselektive Protonierung ihrer Anionen

Stereoselective Protonation of Carbanions, 3. – 1,3-Dioxolan-4-ones and 1,3-Oxazolidine-4-ones: Syntheses and Diastereoselective Protonation of their Anions

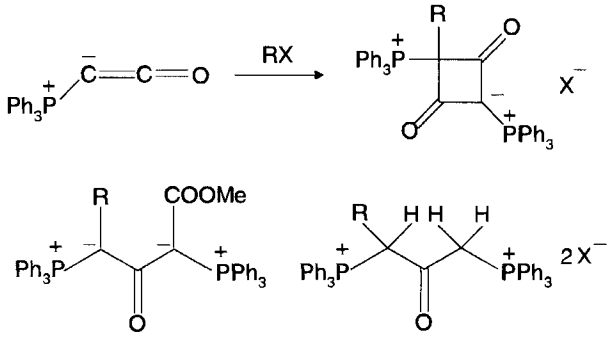


cis/trans-**4a**

1501 **Bestmann*, H. J., Geismann, C., Zimmermann, R.**

Kumulierte Ylide, 22. – Umsetzungen von (Triphenylphosphoranyliden)ethenon mit Halogenverbindungen und ihre präparative Anwendung

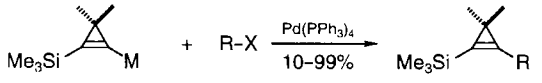
Cumulated Ylides, 22. – Reactions of (Triphenylphosphoranylidene)ethenone with Halogen Compounds and their Preparative Application



1511 **Untiedt, S., de Meijere*, A.**

Neue Cyclopropyl-Bausteine für die organische Synthese, 28. – Pd(0)-katalysierte Kupplung von Cyclopropenylzink-chloriden und Cyclopropenylstannanen. – Eine neue effiziente Synthese von 1-Phenyl-, 1-Ethenyl- und 1-Ethinyl-1-cyclopropenen

New Cyclopropyl Building Blocks for Organic Synthesis, 28. – Pd(0)-Catalysed Coupling of Cyclopropenylzinc Chlorides and Cyclopropenylstannanes. – A New Efficient Synthesis of 1-Phenyl-, 1-Ethenyl-, and 1-Ethynyl-1-cyclopropenes



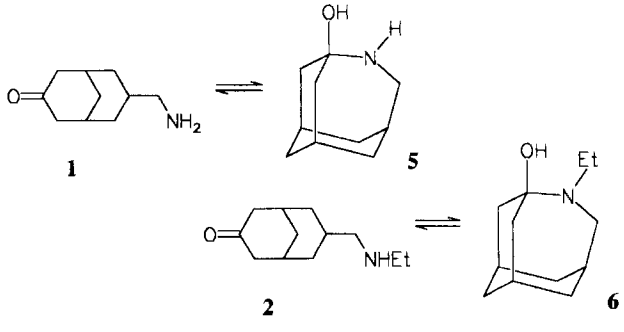
M = ZnCl, $SnBu_3$ R = aryl, ethenyl, ethynyl

X = I, Br, Cl, OTf

1517 **Wiesmann, R. F., Rademacher*, P.**

Transanulare Wechselwirkungen in difunktionellen mittleren Ringen, 6. – Spektroskopische Untersuchungen von bicyclischen Aminoketonen

Transanular Interactions in Difunctional Medium Rings, 6. – Spectroscopic Investigations of Bicyclic Amino Ketones

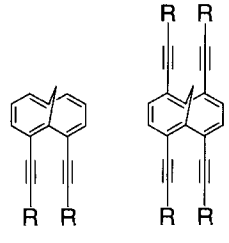


1 **5** **2** **6**

1523 **Neidlein*, R., Kux, U.**

Neue 1,6-Methano[10]annulen-Derivate mit „parallelen Dreifachbindungen"

New 1,6-Methano[10]annulene Derivatives with "Parallel Triplebonds"



R = C_6H_5-; Me_3Si-

Notizen / Notes

Kurzmitteilung / Short Communication