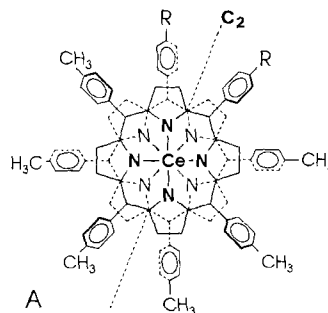


589

**Buchler\*, J. W., Eiermann, V., Hanssum, H., Heinz, G., Rüterjans, H., Schwarzkopf, M.**

Metall-Komplexe mit Tetrapyrrol-Liganden, LXXVI. – Synthese, Charakterisierung und Untersuchung der Temperaturabhängigkeit der <sup>1</sup>H- und <sup>19</sup>F-NMR-Spektren von Cer(IV)-Doppeldecker-Komplexen mit monofunktionalisierten Tetraarylporphyrinen

Metal Complexes with Tetrapyrrole Ligands, LXXVI. – Synthesis, Characterization, and Variable-Temperature <sup>1</sup>H- and <sup>19</sup>F-NMR Investigations of Cerium(IV) Double-Deckers Derived from Monofunctionalized Tetraarylporphyrins

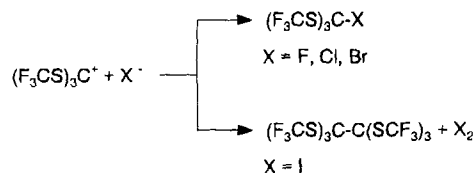


597

**Boese, R., Haas, A., Krüger, C., Möller, G., Waterfeld\*, A.**

Synthesen und Reaktionen acyclischer fluororganischer Thiocarbenium-Ionen

Syntheses and Reactions of Fluoroorganic Acyclic Thiocarbenium Ions

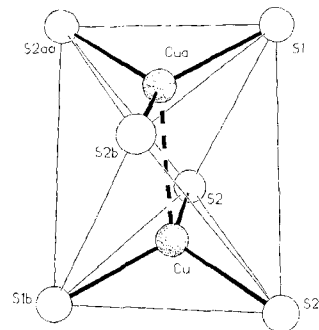


605

**Kleinitz, U., Mattes\*, R.**

Synthese und Kristallstruktur der kurze M...M-Abstände enthaltenden Kupfer(I)- und Gold(I)-Komplexe [C(NH<sub>2</sub>)<sub>3</sub>]<sub>2</sub>[M<sub>2</sub>(1,2-Dithiosquarat)<sub>2</sub>], M = Cu, Au, und des Gold(III)-Komplexes (cycloPrPh<sub>3</sub>P)[Au(1,2-Dithiosquarat)<sub>2</sub>]

Synthesis and Crystal Structures of Copper(I) and Gold(I) Complexes [C(NH<sub>2</sub>)<sub>3</sub>]<sub>2</sub>[M<sub>2</sub>(1,2-dithiosquarate)<sub>2</sub>], M = Cu, Au, Containing Short M...M Distances, and of the Gold(III) Complex (cycloPrPh<sub>3</sub>P)[Au(1,2-dithiosquarate)<sub>2</sub>]

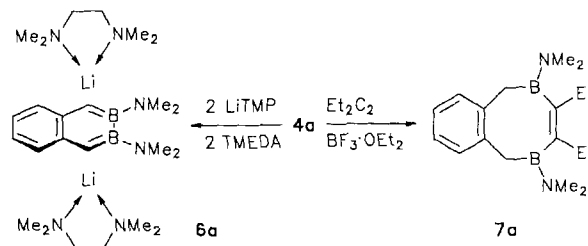


611

**Weinmann, W., Pritzkow, H., Siebert\*, W.**

Synthese, Deprotonierung und Ringerweiterung eines 2,3-Diboratetralins

Synthesis, Deprotonation, and Ring Expansion of a 2,3-Diboratetralin

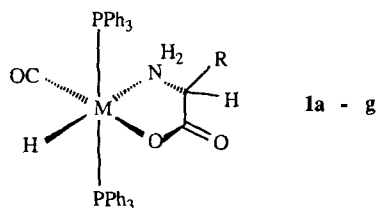


615

**Severin, K., Sünkel, K., Beck\*, W.**

Metallkomplexe mit biologisch wichtigen Liganden, LXX. – Synthese, Stereochemie und Reaktionen von Ruthenium(II) und Osmium(II)-Komplexen mit α-Aminocarboxylat-Liganden

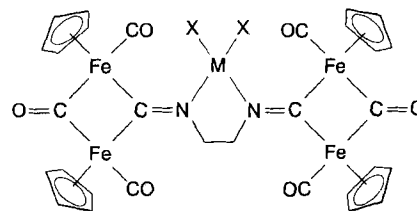
Metal Complexes of Biologically Important Ligands, LXX. – Synthesis, Stereochemistry and Reactions of Ruthenium(II) and Osmium(II) Complexes with α-Amino Carboxylates



621 **Schrölkamp, S., Sperber, W., Lentz, D., Fehlhhammer\*, W. P.**

Koordinationschemie mit den komplexen Chelatliganden  $\{[\text{Fe}_2\text{Cp}_2(\text{CO})_3]_2\{\text{CN}[\text{CH}_2]_n\text{NC}\}\}$  ( $n = 2, 3$ ). Heteropentannukleare "Superkomplexe" mit  $\mu_5$ -Diisocyanid-Brücken

Coordination Chemistry with the Complex Chelating Ligands  $[\{\text{Fe}_2\text{Cp}_2(\text{CO})_3\}_2\{\text{CN}[\text{CH}_2]_n\text{NC}\}]$  ( $n = 2, 3$ ). Heteropentannuclear "Supercomplexes" with  $\mu_5$ -Diisocyanide Bridges

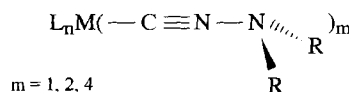


M = Mn, Fe, Co, Ni, Pd, Pt, Cu, Zn, Cd, Hg  
X = Cl, Br, I, Ac

631 **Fehlhhammer\*, W. P., Metzner, R., Sperber, W.**

Metallkomplexe funktioneller Isocyanide, XXXIII. – *N*-Isocyanodialkylamin-Komplexe des Bors, Rhodiums, Palladiums, Platins und Kupfers

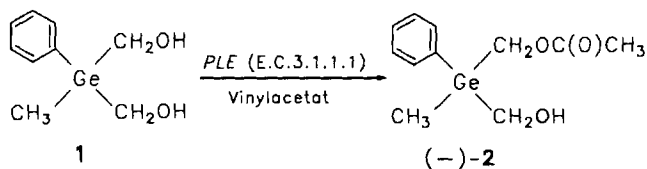
Metal Complexes of Functional Isocyanides, XXXIII. – *N*-Isocyanodialkylamine Complexes of Boron, Rhodium, Palladium, Platinum, and Copper



639 **Tacke\*, R., Wagner, S. A., Sperlich, J.**

Synthese von (–)-(Acetoxymethyl)(hydroxymethyl)methyl(phenyl)german  $\{(-)\text{-MePhGe}(\text{CH}_2\text{OAc})(\text{CH}_2\text{-OH})\}$  durch eine Esterase-katalysierte Umesterung: Die erste enzymatische Synthese eines optisch aktiven German

Synthesis of (–)-(Acetoxymethyl)(hydroxymethyl)methyl(phenyl)germane  $\{(-)\text{-MePhGe}(\text{CH}_2\text{OAc})(\text{CH}_2\text{-OH})\}$  by an Esterase-Catalyzed Transesterification: the First Enzymatic Synthesis of an Optically Active Germane

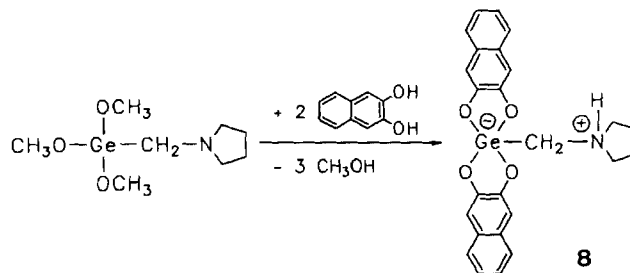


Notizen / Notes

643 **Tacke\*, R., Sperlich, J., Becker, B.**

Bis[2,3-naphthalindiolato(2–)](pyrrolidiniomethyl)germanat–Tetartoacetoneitril, das erste zwitterionische  $\lambda^5$ -Germanat: Synthese und Kristallstrukturanalyse

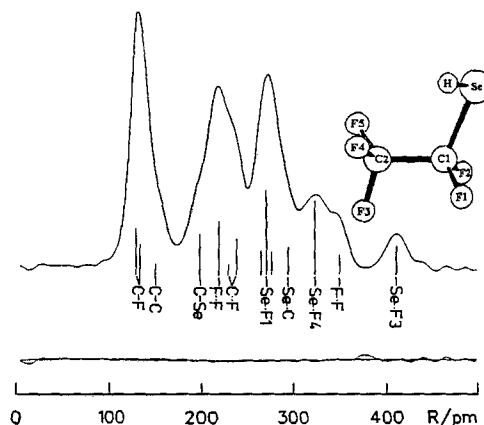
Bis[2,3-naphthalenediolato(2–)](pyrrolidiniomethyl)germanate–Tetartoacetoneitrile, the First Zwitterionic  $\lambda^5$ -Germanate: Synthesis and Crystal Structure Analysis



647 **Blau, H., Grobe\*, J., Le Van, D., Mack, H.-G., Oberhammer, H.**

Reaktive  $\text{E}=\text{C}(\text{p-p})\pi$ -Systeme, XXXVII. – Pentafluorethanselenol: Synthese, Spektren und Gasphasen-Struktur

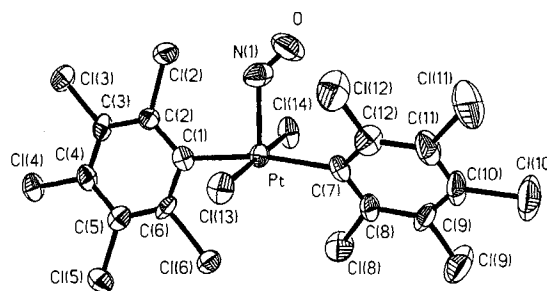
Reactive  $\text{E}=\text{C}(\text{p-p})\pi$  Systems, XXXVII. – Pentafluoroethaneselenol: Synthesis, Spectra, and Gas-Phase Structure



651 **Forniés\*, J., Menjón, B., Sanz-Carrillo, R. M., Tomás, M.**

Synthese und strukturelle Charakterisierung des gewinkelten Nitrosyl-organometall-Komplexes [NBu<sub>4</sub>]-[Pt(C<sub>6</sub>Cl<sub>5</sub>)<sub>2</sub>Cl<sub>2</sub>(NO)]

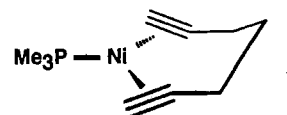
Synthesis and Structural Characterization of the Bent Nitrosyl Organometallic Complex [NBu<sub>4</sub>]-[Pt(C<sub>6</sub>Cl<sub>5</sub>)<sub>2</sub>Cl<sub>2</sub>(NO)]



653 **Proft, B., Pörschke\*, K.-R., Lutz, F., Krüger, C.**

Synthese und Struktur von (R<sub>3</sub>P)Ni(1,6-Heptadiin)-Komplexen

Synthesis and Structure of (R<sub>3</sub>P)Ni(1,6-Heptadiyne) Complexes

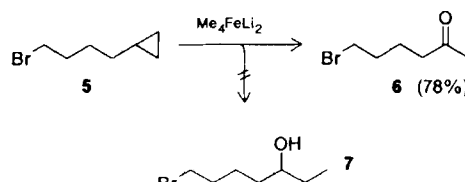


## B Teil B: Organische Chemie / Part B: Organic Chemistry

659 **Kauffmann\*, T., Neiteler, C., Neiteler, G.**

Alkyleisen- und Alkylcobalt-Reagenzien, IX. – Umlagerung aliphatischer terminaler Epoxide zu Methylketonen durch Eisenalkyl-Reagenzien statt durch Co<sub>2</sub>(CO)<sub>8</sub> oder Edelmetallkatalysatoren

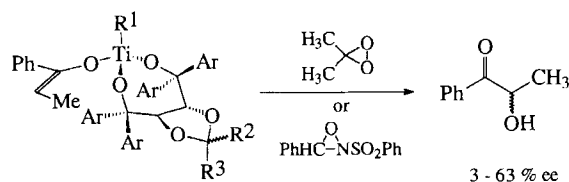
Alkyliron and Alkylcobalt Reagents, IX. – Rearrangement of Aliphatic Terminal Epoxides to Methyl Ketones by Iron Alkyl Reagents instead of Co<sub>2</sub>(CO)<sub>8</sub> or Noble Metal Catalysts



667 **Adam\*, W., Prectl, F.**

Enantioselective Oxidation von chiralen Titan-enolaten aus Propiophenon mit Dimethyldioxiran oder 3-Phenyl-2-phenylsulfonyloxaziridin

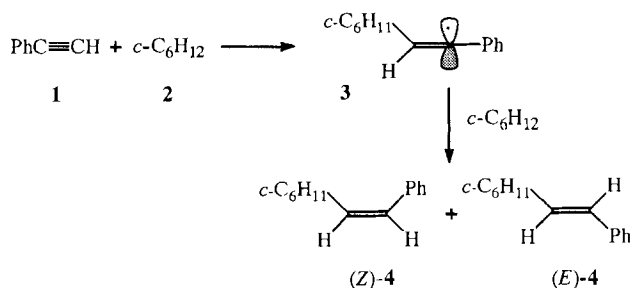
Enantioselective Oxidation of Chiral Titanium Enolates Derived from Propiophenone by Dimethyldioxirane or 3-Phenyl-2-phenylsulfonyloxaziridine



673 **Metzger\*, J. O., Bangert, F.**

Thermisch initiierte, über freie Radikale verlaufende Kettenaddition von Alkanen an Alkine, II. – Kinetik der Addition von Cyclohexan an Phenylethin in superkritischen fluiden Phasen

Thermally Initiated Free-Radical Chain Addition of Alkanes to Alkynes, II. – Kinetics of the Addition of Cyclohexane to Phenylethyne under Supercritical Fluid Conditions

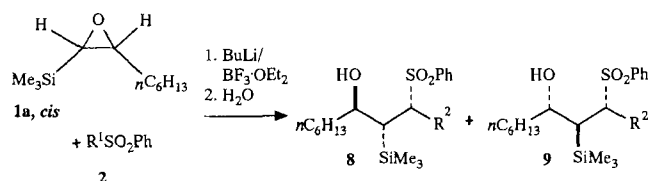


677

**Masnyk, M., Wicha\*, J.**

Reaktion von ( $\alpha,\beta$ -Epoxyalkyl)silanen mit  $\alpha$ -Sulfonyl-Anionen und  $\alpha$ -Sulfonyl-Anionen in Gegenwart einer Lewis-Säure. Eine Methode zur Synthese von (*Z*)-*sec*-Allylkoholen und  $\beta,\gamma$ -ungesättigten Alkylphenylsulfonen

Reaction of ( $\alpha,\beta$ -Epoxyalkyl)silanes with  $\alpha$ -Sulfonyl Anions and  $\alpha$ -Sulfonyl Anions in the Presence of a Lewis Acid. A Method for the Synthesis of (*Z*)-*sec*-Allylic Alcohols and  $\beta,\gamma$ -Unsaturated Alkyl Phenyl Sulfones

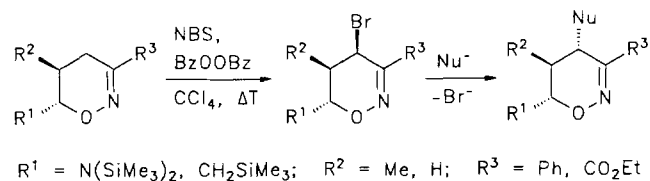


685

**Paulini, K., Reißig\*, H.-U.**

Diastereoselektive radikalische Bromierung von 5,6-Dihydro-4*H*-Oxazinen und anschließende Substitutionsreaktionen mit Stickstoff-Nucleophilen

Diastereoselective Radical Bromination of 5,6-Dihydro-4*H*-1,2-oxazines and Subsequent Substitution Reactions with Nitrogen Nucleophiles

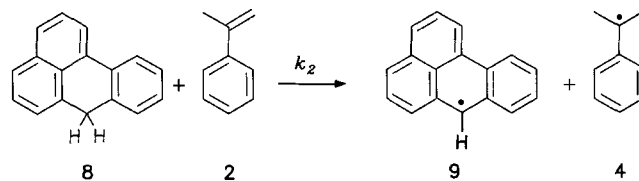


691

**Gerst, M., Morgenthaler, J., Rüdhardt\*, C.**

Bimolekulare Radikalbildung durch H-Transfer, 7. – Katalyse der Transferhydrierung von  $\alpha$ -Methylstyrol durch 9,10-Dihydroanthracen mit 7*H*-Benz[*de*]anthracen

Bimolecular Formation of Radicals by H-Transfer, 7. – Bimolecular Formation of Radicals via H-Transfer with Catalysis by 7*H*-Benz[*de*]anthracene

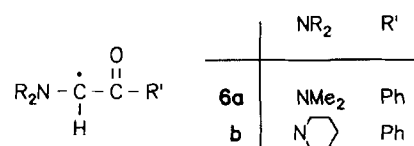


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**Welle, F., Verevkin, S. P., Keller, M., Beckhaus, H.-D., Rüdhardt\*, C.**

Substituenteneffekte auf die C–C-Bindungsstärke, 14. – Kinetische und thermodynamische Stabilität von 2,3-Bis(dialkylamino)-1,4-diketonen – Stabilisierungsenergie capto-dativ substituierter  $\alpha$ -Dialkylamino- $\alpha$ -Carbonylalkyl-Radikale

Substituent Effects on the Strength of C–C Bonds, 14. – Kinetic and Thermodynamic Stability of 2,3-Bis(dialkylamino)-1,4-diketones – Energy of Stabilization of  $\alpha$ -Dialkylamino  $\alpha$ -Carbonylalkyl Radicals with Cato-dative Substituents

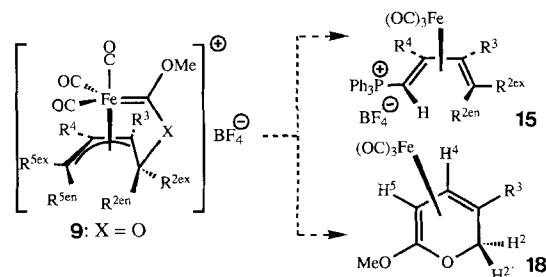


711

**Förtsch, W., Hampel, F., Schobert\*, R.**

Synthese, Kristallstruktur und Reaktionen neuartiger metallacyclischer Dioxo- und Aminoococarbon-Komplexe des Eisens

Synthesis, Crystal Structure, and Reactions of Novel Metallacyclic Dioxo- and Aminoococarbon Complexes of Iron

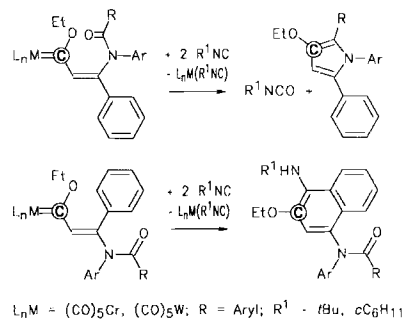


717

**Aumann\*, R., Jasper, B., Goddard, R., Krüger, C.**

Organische Synthesen mit Übergangsmetallkomplexen, 69. – [2-(Acylamino)ethenyl]ketenimine aus [2-(Acylamino)ethenyl]carben-Komplexen sowie deren Ringschluß-Metathese zu Pyrrolen oder deren Elektrocyclisierung zu 1,4-Diaminonaphthalinen

Organic Syntheses via Transition Metal Complexes, 69. – 2-(Acylamino)ethenyl Ketene Imines from [2-(Acylamino)ethenyl]carbene Complexes and their Ring-Closing Metathesis to Pyrroles or Electrocyclization to 1,4-Diaminonaphthalenes

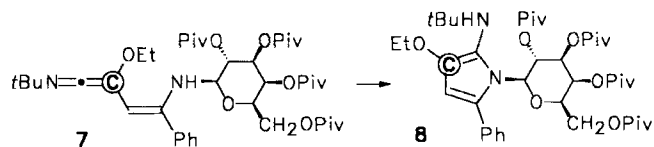


725

**Aumann, R.**

Organische Synthesen mit Übergangsmetallkomplexen, 70. – [2-(Galactopyranosylamino)ethenyl]carben- und 3-(Galactopyranosylamino)-1,2-propadienyliden-Komplexe durch 3-Addition von 2,3,4,6-Tetra-*O*-pivaloyl- $\beta$ -D-galactopyranosylamin an Alkynylcarben-Komplexe ( $M = Cr, W$ ). – Atropisomere Galactopyranosyl-Pyrrole durch Reaktion von [2-(Galactopyranosylamino)ethenyl]carben-Komplexen mit Isocyaniden

Organic Syntheses via Transition Metal Complexes, 70. – [2-(Galactopyranosylamino)ethenyl]carbene and 3-(Galactopyranosylamino)-1,2-propadienylidene Complexes on 3-Addition of 2,3,4,6-Tetra-*O*-pivaloyl- $\beta$ -D-galactopyranosylamine to Alkynylcarbene Complexes ( $M = Cr, W$ ). – Atropisomeric Galactopyranosyl Pyrroles by Reaction of [2-(Galactopyranosylamino)ethenyl]carbene Complexes with Isocyanides

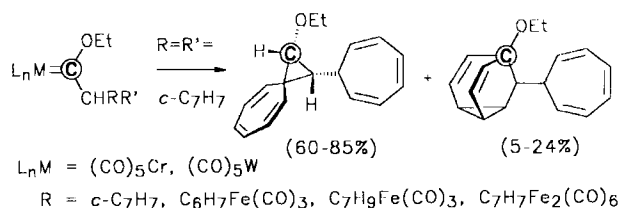


731

**Aumann\*, R., Läge, M., Krebs, B.**

Organische Synthesen mit Übergangsmetallkomplexen, 71. – Methylcarben-Komplexe von Chrom und Wolfram mit Cycloheptatrienyl-, Cyclohexadienyl[Fe(CO)<sub>3</sub>]- und Cycloheptadienyl[Fe(CO)<sub>3</sub>]-Resten als  $\alpha$ -Substituenten

Organic Syntheses via Transition Metal Complexes, 71. – Methylcarbene Complexes of Chromium and Tungsten with Cycloheptatrienyl-, Cyclohexadienyl[Fe(CO)<sub>3</sub>]- and Cycloheptadienyl[Fe(CO)<sub>3</sub>] Substituents

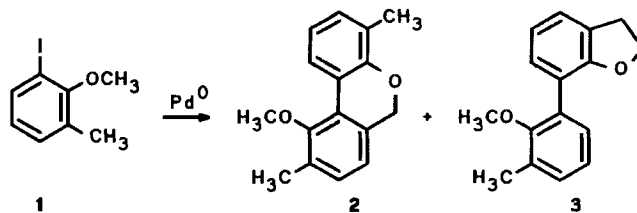


739

**Dyker, G.**

Übergangsmetall-katalysierte Anellierungsreaktionen, VII. – Palladium-katalysierte C–H-Aktivierung von Methoxygruppen: Regiochemie des Domino-Kuppelungsprozesses

Transition Metal-Catalyzed Annulation Reactions, VII. – Palladium-Catalyzed C–H Activation at Methoxy Groups: Regiochemistry of the Domino Coupling Process

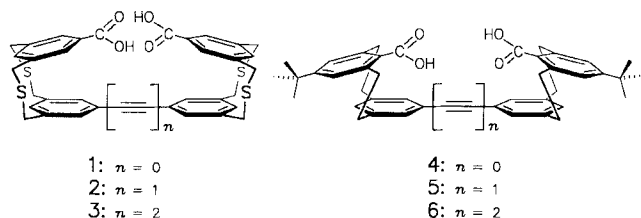


743

**Güther, R., Nieger, M., Rissanen, K., Vögtle\*, F.**

Molekulare Pinzetten aus Cyclophan-Bausteinen

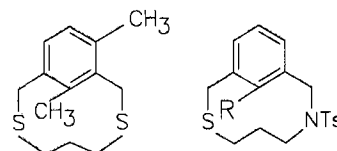
Molecular Tweezers from Cyclophane Building Blocks



759 Müller, B., Pischel, I., Nieger, M., Vögtle\*, F.

Deformierte chirale [n]Metacyclophane

Deformed Chiral [n]Metacyclophanes

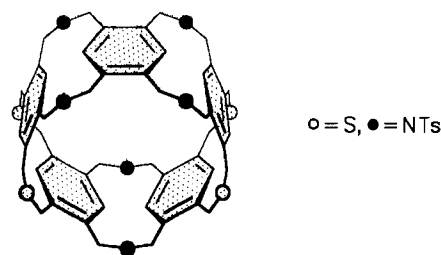


767 Josten, W., Karbach, D., Nieger, M., Vögtle\*, F.,

Hägele, K., Svoboda, M., Przybylski, M.

Gürtelförmige Moleküle mittels repetitiver Synthese-  
strategie

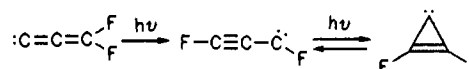
Belt-Shaped Molecules by a Repetitive Synthetic Strategy



779 Maier\*, G., Preiss, T., Reisenauer, H. P.

Kleine Ringe, 83. – C<sub>3</sub>F<sub>2</sub>-Isomere: Erzeugung durch  
gepulste Blitzpyrolyse und matrixspektroskopische  
Identifizierung

Small Rings, 83. – C<sub>3</sub>F<sub>2</sub> Isomers: Generation by  
Pulsed Flash Pyrolysis and Matrix-Spectroscopic  
Identification

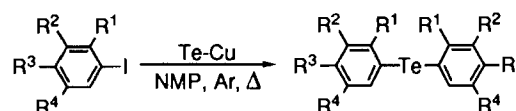


## Notizen / Notes

783 Suzuki\*, H., Nakamura, T.

Eine bequeme Eintopf-Darstellung von Bis(nitroaryl)-  
telluriden mit einem Tellur-Kupfer-Paar als Tellurie-  
rungs-Reagenz

A Convenient One-Pot Preparation of Bis(nitroaryl)  
Tellurides Using a Tellurium-Copper Couple as the  
Telluration Reagent



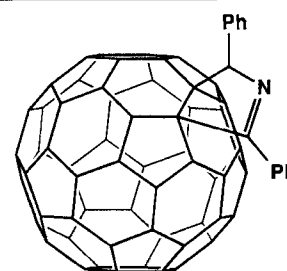
787 Averdung, J., Albrecht, E., Lauterwein, J.,

Luftmann, H., Mattay\*, J., Mohn, H.,

Müller, W. H., ter Meer, H.-U.

Photoreaktionen mit Fulleren-C<sub>60</sub>. [3 + 2]-Photocyc-  
loaddition von 2,3-Diphenyl-2H-azirin

Photoreactions with C<sub>60</sub>-Fullerene. [3 + 2] Photocyc-  
loaddition of 2,3-Diphenyl-2H-azirine



791 Stöckigt, D., Schwarz\*, H.

Unterscheidung zwischen Fe<sup>+</sup>-NCH- und Fe<sup>+</sup>-CNH-  
Komplexen durch Ion-Molekül-Reaktionen in der  
Gas-Phase

Distinction of Fe<sup>+</sup>-NCH and Fe<sup>+</sup>-CNH Complexes  
by Gas-Phase Ion-Molecule Reactions

