

Highlights

Cycloadditionen

H. M. R. Hoffmann und B. Niess

[4+3]-Cycloaddukte aus der Lewis-Säure-vermittelten Reaktion von Acroleinen mit Cyclopentadien

Homogene Katalyse

D. E. De Vos und B. F. Sels

Gold-Redoxkatalyse für die selektive Oxidation von Methan zu Methanol

Aufsätze

Proteinchemie

P. G. Schultz und L. Wang

Die Erweiterung des genetischen Codes (Titelbild)

Zuschriften

Metallierungen

R. E. Mulvey et al.

Synergic Monodeprotonation of Bis(benzene)chromium by Using Mixed Alkali Metal–Magnesium Amide Bases and Structural Characterization of the Heterotrimetallic Products

Asymmetrische Katalyse

L. Deng et al.

Stereocontrolled Creation of Adjacent Quaternary and Tertiary Stereocenters by a Catalytic Conjugate Addition

Wirt-Gast-Chemie

K. Kim et al.

Molecular Loop Lock: A Redox-Driven Molecular Machine Based on a Host-Stabilized Charge-Transfer Complex

Organokatalyse

B. List et al.

Metal-Free, Organocatalytic Asymmetric Transfer Hydrogenation of α,β -Unsaturated Aldehydes

Porphyrinanaloga

K. M. Kadish, J. L. Sessler et al.

Reductive N Alkylation of Cyclo[8]pyrroles

Kupplungsreaktionen

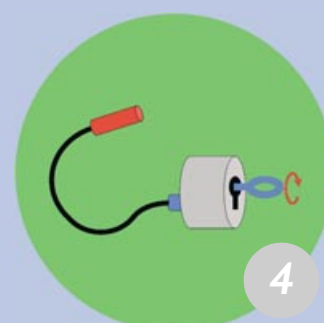
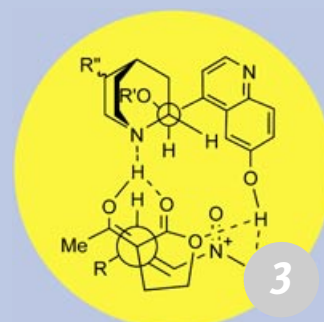
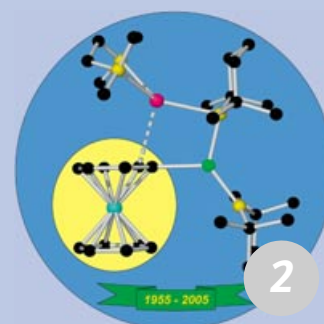
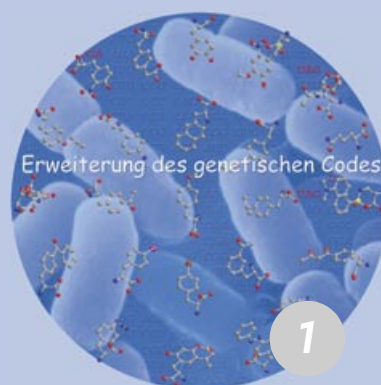
T. F. Jamison und C. Molinaro

Catalytic Reductive Coupling of Epoxides and Aldehydes: Epoxide-Ring Opening Precedes Carbonyl Reduction

Analysenmethoden

S.-I. Nishimura et al.

High-Throughput Protein Glycomics: Combined Use of Chemoselective Glycoblotting and MALDI-TOF/TOF Mass Spectrometry



Heft 1/2005 erscheint
am 17. Dezember 2004.