

Collect. Czech. Chem. Commun.  
**2001, 66, 541-554**

**Crystal Selection and Liesegang Banding  
 in Dynamic Precipitate Systems**

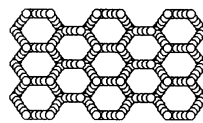
Shoghag Panjarian and  
 Rabih Sultan



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**2001, 66, 555-566**

**The Influence of pH on the Structure  
 of Templated Mesoporous Silicas  
 Prepared from Sodium Metasilicate**

Patricia J. Kooyman, Markéta Slabová,  
 Vladimír Bosáček, Jiří Čejka,  
 Jiří Rathouský and Arnošt Zukal

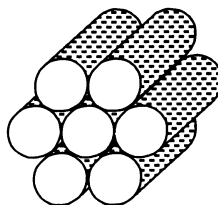


MCM-41

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**2001, 66, 567-574**

**Uniformity and Ordering of Inner  
 Walls of (Al)MCM-41**

Jiří Dědeček, Naděžda Žilková  
 and Jiří Čejka

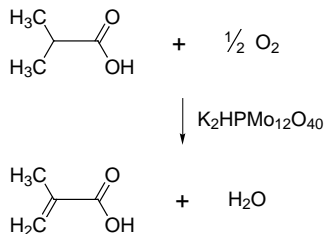


Uniformity/Ordering

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**2001, 66, 575-587**

**Kinetics of Oxidative Dehydrogenation  
 of Isobutyric Acid Over  $K_2HPMo_{12}O_{40}$   
 Catalyst**

Pavel Čičmanec, Josef Tichý  
 and Blanka Wichterlová

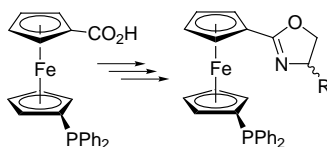


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2001, 66, 588–604

**An Alternative Approach to Chiral 2-[1'-(Diphenylphosphanyl)ferrocenyl]-4,5-dihydrooxazoles**

Dušan Drahoňovský, Ivana Císařová,  
Petr Štěpnička, Hana Dvořáková,  
Petr Maloň and Dalimil Dvořák



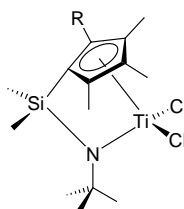
R	configuration
i-Pr	(S)
i-Pr	(R)
t-Bu	(S)
Ph	(R)

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2001, 66, 605–620

**Synthesis and Crystal Structures of Dimethylsilylene-Bridged (Amidocyclopentadienyl)dichlorotitanium(IV) Complexes with Various Substituents on the Cyclopentadienyl Ligand**

Jaroslav Zemánek, Petr Štěpnička, Karla Fejfarová,  
Róbert Gyepes, Ivana Císařová, Michal Horáček,  
Jiří Kubišta, Vojtech Varga and Karel Mach



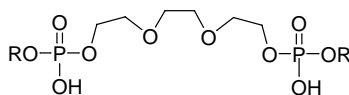
R = Me, H, Ph, 4-FC<sub>6</sub>H<sub>4</sub>,  
CH(Me)CH=CH<sub>2</sub>

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2001, 66, 621–630

**Syntheses of New Triethylene Glycol Bis(alkyl Phosphate)s as Potential Complexing Agents**

Věra Novoměstská, Eckhard Herrmann,  
Přemysl Lubal and Jiří Příhoda



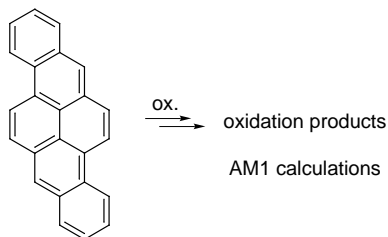
R = *n*-C<sub>12</sub>H<sub>25</sub>, *n*-C<sub>16</sub>H<sub>33</sub>, *n*-C<sub>18</sub>H<sub>37</sub>

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2001, 66, 631–640

**Study of Energies and Geometries of Dibenz[*a,h*]pyrene, Its Epoxides and Related Compounds**

Maria-Jesús J. Rioseras-Garcia and  
Jose-Maria Hernando-Huelmo

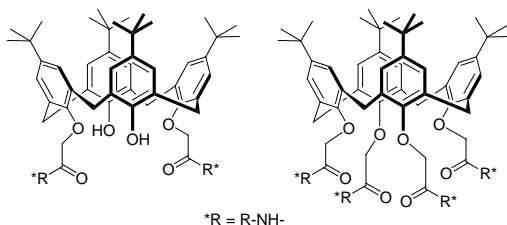


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2001, 66, 641–662

**New Calix[4]arene-Based Amides –  
Their Synthesis, Conformation,  
Complexation**

Ivan Stibor, Martina Růžicková,  
Rostislav Krátký, Michal Vindyš,  
Jaroslav Havlíček, Evguenni Pinkhassik,  
Pavel Lhoták, Asiya R. Mustafina,  
Yuliya E. Morozova, Ella Kh. Kazakova and Valentina P. Gubskaya

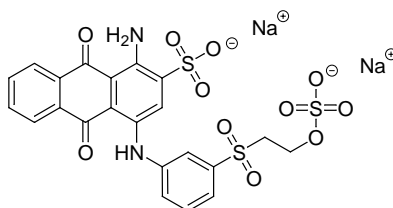


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2001, 66, 663–675

**To the Mechanism of Horseradish  
Peroxidase-Mediated Degradation  
of a Recalcitrant Dye Remazol  
Brilliant Blue R**

Markéta Mikšanová, Jiří Hudeček,  
Jan Páca and Marie Stiborová



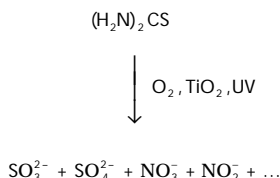
Ramazol Brilliant Blue R

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2001, 66, 676–684

**Effects of pH, Temperature and Various  
Anions on Thiourea Disappearance  
in Aqueous Media with Titanium  
Dioxide Under UV-Irradiation.  
Photomineralization Kinetics**

Abdelghani Boussaoud, Gerard Duc,  
Jean Pierre Meille and Michelle Petit-Ramel



Collect. Czech. Chem. Commun.

2001, 66, 685–692

**FTIR Study of Metal Zeolites.  
Determination of Co(II) Cation  
in Co-Beta Zeolite by Deuterated  
Acetonitrile Adsorption**

Satish Kuriyavar, Oleg Bortnovsky,  
Zdena Tvarůžková and Zdeněk Sobalík

