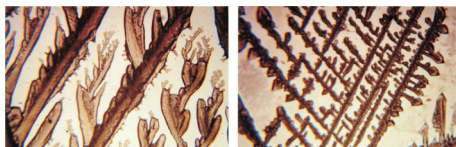


Collect. Czech. Chem. Commun.  
2002, 67, 1729–1742

### Fractal Structures in $\text{PbF}_2/\text{Pb}(\text{NO}_3)_2$ Precipitate Systems

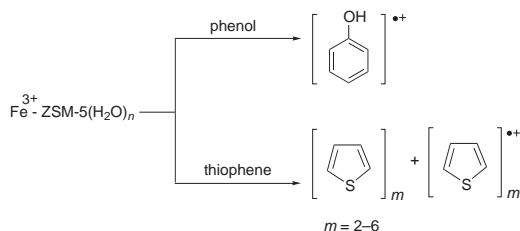
Lara Mandalian and Rabih Sultan



Collect. Czech. Chem. Commun.  
2002, 67, 1743–1759

### Study of the Influence of Water on Oxidative Properties of $\text{Fe}^{3+}$ in ZSM-5 Zeolite Channels

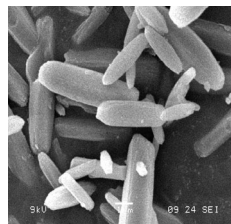
Gabriel Čík, Milada Hubinová,  
František Šeršeň and Vlasta Brezová



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2002, 67, 1760–1778

### Incorporation of Aluminum and Iron Into the ZSM-12 Zeolite: Synthesis and Characterization of Acid Sites

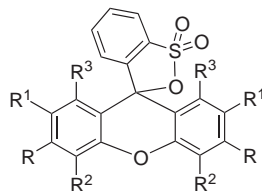
Gabriela Košová and Jiří Čejka



Collect. Czech. Chem. Commun.  
2002, 67, 1779–1789

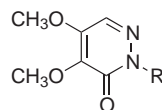
### Solvent-Free Synthesis of Sulfonephthaleins, Sulfonefluoresceins and Fluoresceins Under Microwave Irradiation

Simon Cihelník, Ivan Stibor and  
Pavel Lhoták



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2002, 67, 1790–1804

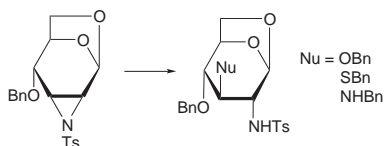
**Steric Hindrance in the Solute–Solvent Interactions  
of 2-Substituted 4,5-Dimethoxypyridazin-3(2H)-ones:  
An Infrared Spectral and Theoretical Study**



Mária Šamalíková, Alexander Perjéssy, Quing Liu,  
Dušan Loos, Václav Konečný, Heinz Dehne,  
Siegmar Sokolowski and Zora Šusteková

Collect. Czech. Chem. Commun.  
2002, 67, 1805–1819

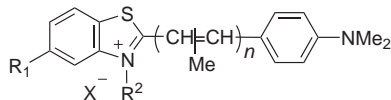
**Preparation of *O*-, *S*- and *N*-Benzyl Derivatives  
of 1,6-Anhydro- $\beta$ -D-hexopyranoses via  
Aziridine Ring Opening**



Jiří Kroutil, Jindřich Karban, Tomáš Trnka,  
Miloš Buděšínský and Miloslav Černý

Collect. Czech. Chem. Commun.  
2002, 67, 1820–1832

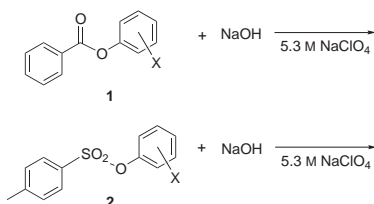
**Synthesis and QSAR Studies of New  
Conjugated Benzothiazole Derivatives**



Radovan Buffa, Pavol Zahradník and  
Pavína Foltínová

Collect. Czech. Chem. Commun.  
2002, 67, 1833–1857

**Separation of *ortho* Inductive,  
Resonance and Steric Terms in Alkaline  
Hydrolysis of Substituted Phenyl  
Benzoates and Phenyl Tosylates**

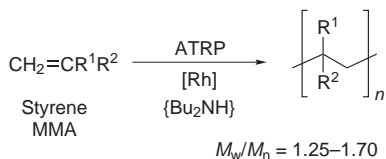


Vilve Nummert and Mare Piirsalu

Collect. Czech. Chem. Commun.  
2002, 67, 1858–1871

**Atom Transfer Radical Polymerization of Styrene and Methyl Methacrylate Induced by  $Rh^I$ (cycloocta-1,5-diene) Complexes**

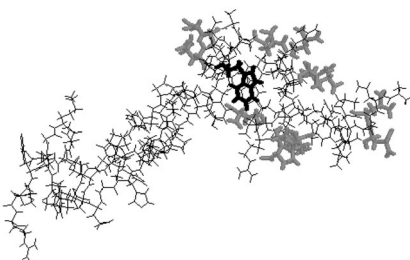
Tom Opstal, Jiří Zedník, Jan Sedláček,  
Jan Svoboda, Jiří Vohlídal and  
Francis Verpoort



Collect. Czech. Chem. Commun.  
2002, 67, 1872–1882

**Time-Resolved Tryptophan Fluorescence of Fragment 1-86 of Factor X and the Influence of Membrane Binding**

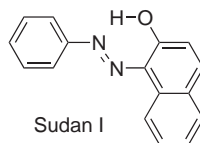
Angelika Häfner, Martin Beneš, Fabienne Mérola,  
Guy Duportail, Friedemann W. Schneider and  
Martin Hof



Collect. Czech. Chem. Commun.  
2002, 67, 1883–1898

**Metabolism of Carcinogenic Azo Dye Sudan I by Rat, Rabbit, Minipig and Human Hepatic Microsomes**

Václav Martínek and Marie Stiborová



Collect. Czech. Chem. Commun.  
2002, 67, 1899–1910

**Grafting of Hydroxy-Terminated Polybutadiene with 2-Mercaptoethanol**

Alexander Pleska, Iva Klichová and Jindřich Pytela

