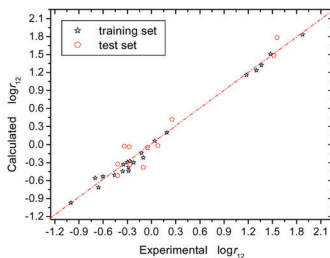


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2009, 74, 1279–1294

Prediction of Monomer Reactivity Ratios in Radical Copolymerization of Vinyl Monomers

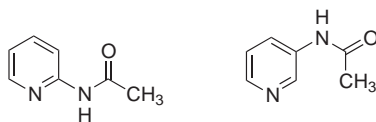
Xinliang Yu, Wenhao Yu, Bing Yi and Xueye Wang

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2009, 74, 1295–1308

Synthesis and Spectroscopic Investigation of (Acetylamino)pyridines

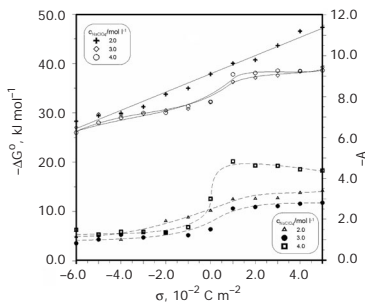
Atanas G. Chapkanov, Sonya Y. Zareva, Rositsa Nikolova and Elena Trendafilova

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2009, 74, 1309–1321

Adsorption of Tetramethylthiourea in Concentrated NaClO₄ Solutions

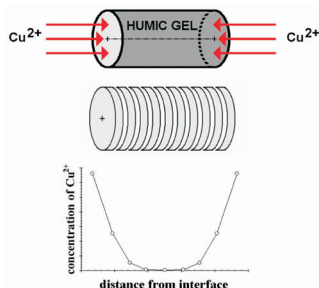
Dorota Sieńko, Dorota Guęała-Fekner, Jolanta Nieszporek, Zygmunt Fekner and Jadwiga Saba

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2009, 74, 1323–1340

Diffusion Experiments as a New Approach to the Evaluation of Copper Transport in Humics-Containing Systems

Petr Sedláček and Martina Klučáková

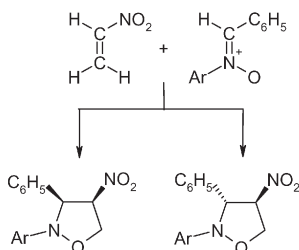


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2009, 74, 1341–1349

Regio- and Stereoselectivity of [2+3]Cycloaddition of Nitroethene to (Z)-N-Aryl-C-phenylnitrones

Radomir Jasiński

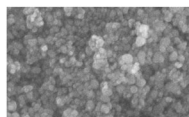


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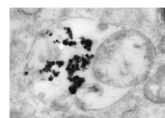
2009, 74, 1351–1360

Synthesis of Mn₃O₄ Nanoparticles and Their Application to Cancer Cells

Marijan Gotić, Siniša Ivanković,
Svetozar Musić and Tatjana Prebeg



Mn₃O₄ particles



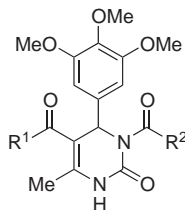
Mn₃O₄ in cancer cells

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2009, 74, 1361–1373

QSAR Analysis of 2-Oxo-1,2,3,4-tetrahydropyrimidine Analogues of Antibacterials

Ramesh L. Sawant and Manish S. Bhatia



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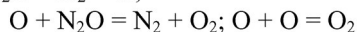
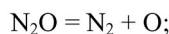
2009, 74, 1375–1401

Thermodynamic Framework for Design of Reaction Rate Equations and Schemes

Miloslav Pekař

$$T\sigma \geq 0$$

$$\mathbf{J} = \mathbf{k}_{0010}(c_3 - K_1^{-1}c_2c_4) + \mathbf{k}_{0110}(c_2c_3 \dots$$

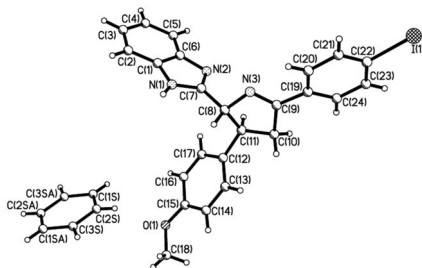


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2009, 74, 1403–1410

Unusual Reaction of 2-(Aminomethyl)-benzimidazole with Chalcones: Synthesis of New Aryl-Substituted Pyrrolines

Valery A. Borovskoy, Sergey A. Komykhov, Vladimir I. Musatov, Svetlana V. Shishkina, Oleg V. Shishkin and Sergey M. Desenko

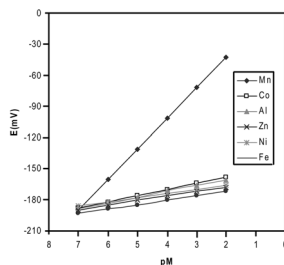


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2009, 74, 1411–1424

Manganese(II)-Ion-Selective Electrode Based on 2,2'-Bis(salicylideneamino)-azobenzene Incorporated in Poly(vinyl chloride) Matrix

Mohammad Bagher Gholivand, Maryam Gorji and Mohammad Joshaghani



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2009, 74, 1425–1441

New Carbocyclic Nucleoside Analogues Built on a Bicyclo[2.2.2]octane-2,2-dimethanol Template

Hubert Hřebabecký, Martin Dračinský and Antonín Holý

