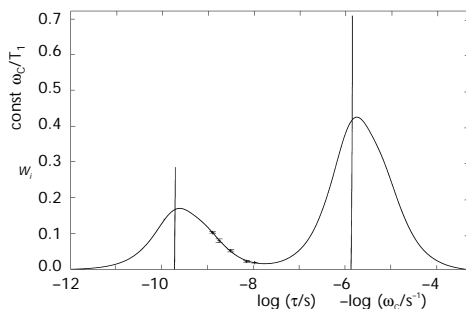


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2000, *65*, 1537–1558

Plots of the Spin-Lattice Relaxation Time and Nuclear Overhauser Enhancement NMR Values Yielding a Spread Distribution of the Rotational Correlation Time

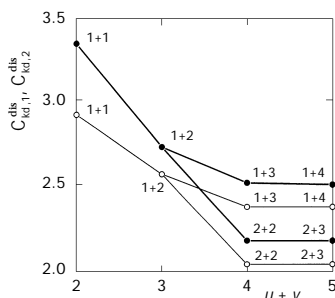
Jaromír Jakeš



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2000, *65*, 1559–1572

Evaluation of the Carbonyl/Chlorine Interaction Parameters in Pentan-3-one–Chloroalkane Mixtures Using the Disquac Group Contribution Model

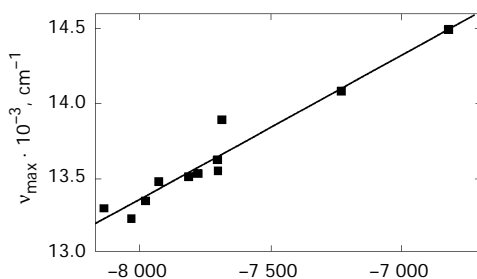
Mariana Teodorescu and Ivan Wichterle



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2000, *65*, 1573–1579

Visible Absorption Spectrum of Benzophenone Radical Anion in Dipolar Aprotic Solvents

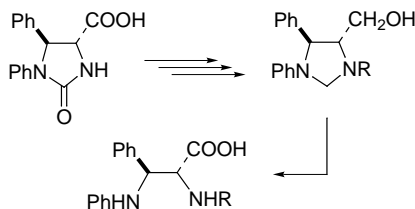
Elżbieta Wagner-Czuderna
 and Marek K. Kalinowski



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2000, *65*, 1580–1586

Convenient and Stereospecific Synthesis of *trans*-1,3-Disubstituted Imidazolidines and Their Transformation to 2,3-Diamino-3-phenylpropanoic Acids

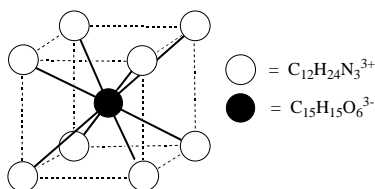
Ivanka K. Kavrakova and Maria J. Lyapova



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2000, 65, 1587–1596

Topological Correspondence Between Crystal Structure of 2,4,6-Trimethylbenzene-1,3,5-tris(methanaminium) 2,4,6-Trimethylbenzene-1,3,5-triacetate and Cesium Chloride



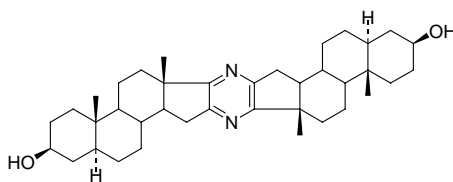
Jaroslav Podlaha, Ivana Císařová, Daniel Alexander, Petr Holý, Tomáš Kraus and Jiří Závada

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2000, 65, 1597–1608

Synthesis of Symmetrical Bis-Steroid Pyrazines Connected *via* D-Rings

Ivan Černý, Vladimír Pouzar, Miloš Buděšínský and Pavel Drašar

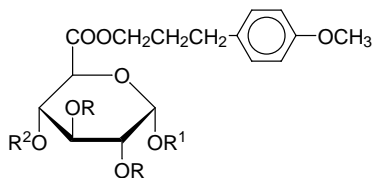


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2000, 65, 1609–1618

Synthesis and Acid-Catalyzed Hydrolysis of Some 3-(4-Methoxyphenyl)propyl Glucuronates

Monika Poláková, Dušan Joniak and Miloslav Ďuriš

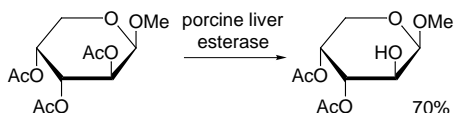


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2000, 65, 1619–1629

Porcine Liver Esterase-Catalyzed Hydrolysis of Methyl Tri-*O*-acetyl-β-D-arabinopyranoside, Methyl Tri-*O*-acetyl-β-D-ribosepyranoside and Methyl Tri-*O*-acetyl-β-D-ribofuranoside

Jitka Moravcová, Karel Kefurt, Romana Hladůvková and Jan Staněk

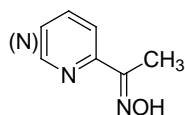


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2000, 65, 1630–1642

Electrochemical Reductions of Methyl Azinyl Ketoximes on Mercury

Radek Cibulka, František Liška and Jiří Ludvík



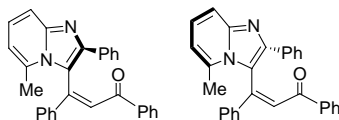
Hydroxyimino group is reduced in a four-electron process on mercury dropping and mercury pool electrode.

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2000, 65, 1643–1652

Sterically Crowded Heterocycles. XIII. An Insight Into the Absolute Stereochemistry of Atropisomeric (*Z*)-3-(Imidazo[1,2-*a*]-pyridin-3-yl)prop-2-en-1-ones

Radek Pohl, Jan Sýkora, Petr Maloň, Stanislav Böhm, Bohumil Kratochvíl and Josef Kuthan

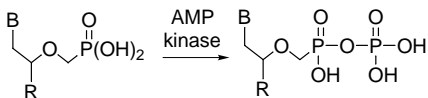


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2000, 65, 1653–1668

Phosphorylation of Purine (Phosphonomethoxy)alkyl Derivatives by Mitochondrial AMP Kinase (AK2 Type) from L1210 Cells

Romana Krejčová, Květoslava Horská, Ivan Votruba and Antonín Holý

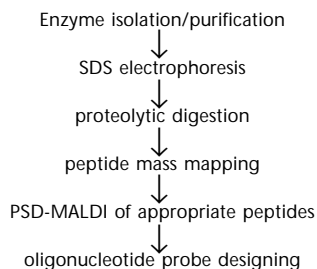


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2000, 65, 1669–1676

Peptide Sequencing by Matrix-Assisted Laser Desorption/Ionisation and Post-Source Decay Mass Spectrometry: A Rapid Method to Design Oligonucleotide Hybridisation Probes for Cloning cDNA Encoding Pyranose 2-Oxidase from *Trametes multicolor*

Petr Halada, Christian Leitner, Jindřich Volc, Dietmar Haltrich and Vladimír Havlíček

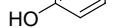
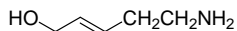


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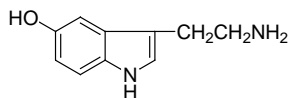
2000, 65, 1677–1682

**Simultaneous Determination of Dopamine,
Serotonin and Their Metabolites in the Rat
Brain by HPLC Method with Coulometric
Detection**

Marcela Bielavská and Jiří Kassa



Dopamine



Serotonin