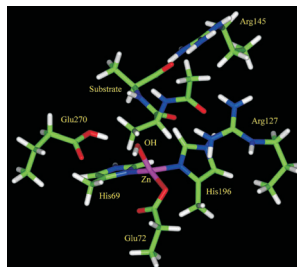


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2003, 68, 2055–2079

Theoretical Studies of Catalysis by Carboxypeptidase A: Could Gas-Phase Calculations Support a Mechanism?

Alexandra Kilshtain-Vardi, Gil Shoham and Amiram Goldblum

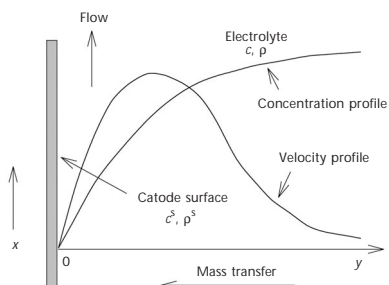


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2003, 68, 2080–2092

Free Convective Mass Transfer at Isosceles Triangular Surfaces of Varying Inclination

Martin Keppert, Josef Krýsa and Anthony A. Wragg

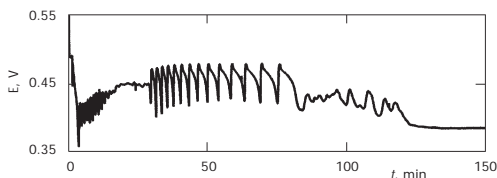


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2003, 68, 2093–2104

Effects of Chloride and Bromide Ions on Sequential Oscillations in the Uncatalyzed Bromate Oscillator

Zuzana Farbulová, Peter Ševčík and Eubica Adamčíková

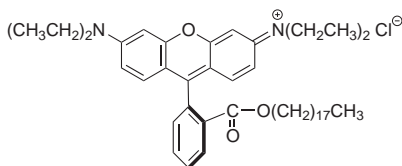


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2003, 68, 2105–2119

Octadecylrhodamine B as a Specific Micelle-Binding Fluorescent Tag for Fluorescence Correlation Spectroscopy Studies of Amphiphilic Water-Soluble Block Copolymer Micelles. Spectroscopic Behavior in Aqueous Media

Jana Humpolíčková, Karel Procházka and Martin Hof

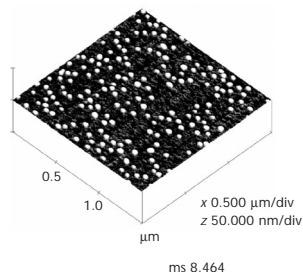


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2003, 68, 2120–2138

Light Scattering, Atomic Force Microscopy and Fluorescence Correlation Spectroscopy Studies of Polystyrene-*block*-poly(2-vinylpyridine)-*block*-poly(ethylene oxide) Micelles

Miroslav Štěpánek, Jana Humpolíčková,
Karel Procházka, Martin Hof, Zdeněk Tuzar,
Milena Špírková and Thomas Wolff

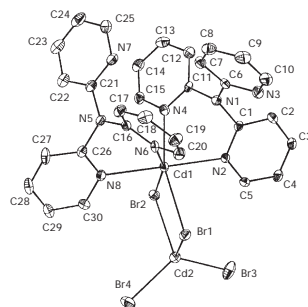


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2003, 68, 2139–2149

Structure and Spectroscopic Studies of Cd(II) Complexes of Tris(2-pyridyl)amine: 1D and 2D Supramolecular Assemblies

Yong-Shu Xie, Xue-Ting Liu, Jia-Xiang Yang,
Hui Jiang, Qing-Liang Liu, Chen-Xia Du and
Yu Zhu

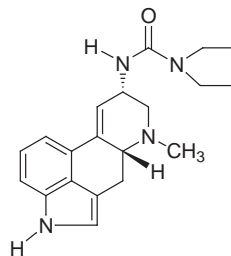


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2003, 68, 2150–2158

Structural Study of Dopamine Agonist Lisuride

Jan Čejka, Bohumil Kratochvíl, Stanislav Böhm,
Ivana Císařová, Ladislav Cvak and
Alexandr Jegorov

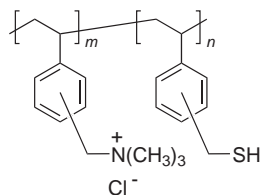


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2003, 68, 2159–2170

Bifunctional Ion Exchange Resin with Thiol and Quaternary Ammonium Groups for the Sorption of Arsenate

Martin Hrubý, Viktorya Korostyatynets,
Milan J. Beneš and Zdeněk Matějka

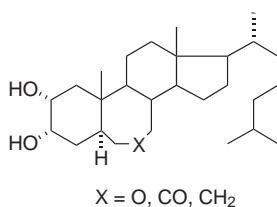


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2003, 68, 2171–2189

Synthesis and Biological Activity of 7a-Homo- and 7a,7b-Dihomo-5 α -cholestane Analogues of Brassinolide

Miroslav Šiša, Miloš Buděšínský and Ladislav Kohout

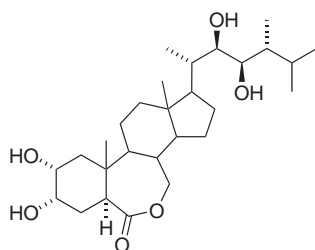


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2003, 68, 2190–2200

24-Epibrassinolide at Subnanomolar Concentrations Modulates Growth and Production Characteristics of a Mouse Hybridoma

František Franěk, Tomáš Eckschläger and Ladislav Kohout

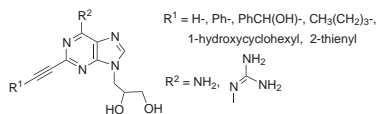


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2003, 68, 2201–2218

New 2-Alkynyl Derivatives of the Acyclic Nucleoside 9-(2,3-Dihydroxypropyl)adenine and Their 6-Guanidinopurine Counterparts as Potential Effectors of Adenosine Receptors

Michal Česnek, Antonín Holý and Milena Masojídková



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2003, 68, 2219–2230

Photocatalytic Degradation of 4-Chlorophenol by \cdot OH Radicals Generated by Thiophene Oligomers Incorporated in ZSM-5 Zeolite Channels

Gabriel Čík, Milada Hubinová, František Šeršeň, Jozef Krištín and Monika Antošová

