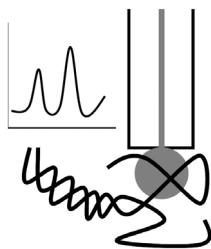


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2004, 69, 715–747

Mercury Electrodes in Nucleic Acid Electrochemistry: Sensitive Analytical Tools and Probes of DNA Structure. A Review

Miroslav Fojta

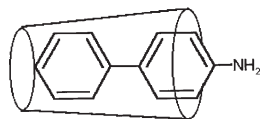


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2004, 69, 748–758

Spectral and Photoprototropic Characteristics of 4-Aminobiphenyl in β -Cyclodextrin

Israel V. Muthu Vijayan Enoch and Meenakshisundaram Swaminathan

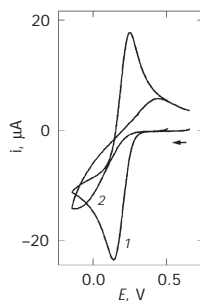


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2004, 69, 759–775

Electrochemistry of Dopamine β -Hydroxylase in Adsorbed State at a Gold Electrode

Ana Ion, Torbjørn Ljones and Florinel G. Banica

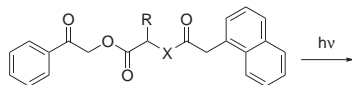


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2004, 69, 776–796

Intramolecular Triplet-Triplet Energy Transfer in Short Flexible Bichromophoric Amino Acids, Dipeptides and Carboxylic Acid Diester

Miroslav Zabadal, Dominik Heger, Petr Klán and Zdeněk Kříž

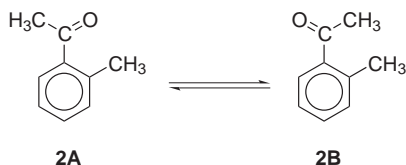


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2004, 69, 797–810

Conformation of Aromatic Carbonyl Derivatives: An Infrared Study

Pavel Fiedler and Otto Exner

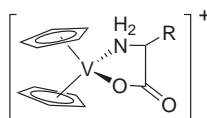


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2004, 69, 811–821

Experimental and Theoretical Study of the First Vanadocene(IV) Complexes of α -Amino Acids Prepared from Vanadocene Dichloride

Jaromír Vinklárek, Hana Paláčková and Jan Honzíček

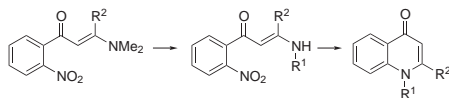


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2004, 69, 822–832

Utilization of Aromatic Denitrocyclization Reaction for the Synthesis of 3-Unsubstituted 1,4-Dihydroquinolin-4-one Derivatives

Stanislav Rádl and Iva Obadalová

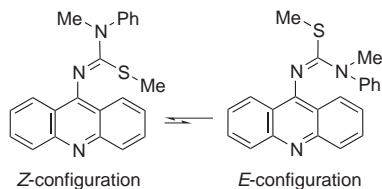


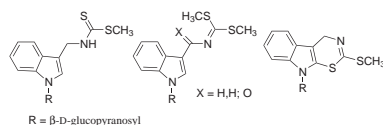
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2004, 69, 833–849

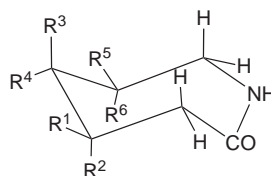
Methylation of Acridin-9-ylthioureas. Structure, Fluorescence and Biological Properties of Products

Juraj Bernát, Eva Balentová, Pavol Kristian, Ján Imrich, Erik Sedlák, Ivan Danihel, Stanislav Böhm, Naďa Prónayová, Kalevi Pihlaja and Karel D. Klika

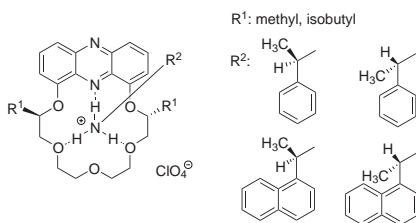


*Collect. Czech. Chem. Commun.***2004, 69, 850–866****A Linear Synthesis of 1-(β -D-Glucopyranosyl)-brassinin, -brassenin A, -brassenin B and 9-(β -D-Glucopyranosyl)cyclobrassinin**

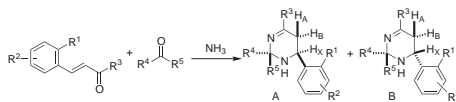
Peter Kutschy, Marian Sabol, Renata Marušková, Zuzana Čurillová, Milan Dzurilla, Imrich Géci, Juraj Alföldi and Vladimír Kováčik

*Collect. Czech. Chem. Commun.***2004, 69, 867–884****6-Amino-2,6-dideoxy- or -2,3,6-trideoxyhexono-1,6-lactams: Synthesis and Conformation**

Michaela Hamerníková, Jaroslav Havlíček, Romana Bláhová, Helena Pospíšilová, Hana Votavová and Karel Kefurt

*Collect. Czech. Chem. Commun.***2004, 69, 885–896****Photophysical Characterisation, Metal Ion Binding and Enantiomeric Recognition of Chiral Ligands Containing Phenazine Fluorophore**

Luisa Stella Dolci, Péter Huszthy, Erika Samu, Marco Montalti, Luca Prodi and Nelsi Zaccheroni

*Collect. Czech. Chem. Commun.***2004, 69, 897–904****Facile Synthesis of Aryl-Substituted 1,2,5,6-Tetrahydropyrimidines and Their Stereochemical Investigation**

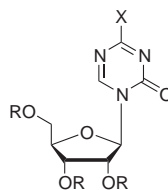
Valentin A. Chebanov, Elena A. Muravyova, Yulia V. Sadchikova, Sergey M. Desenko, Vitaly N. Chernenko, Kiril M. Kobzar and Vladimir I. Musatov

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2004, 69, 905–917

Synthesis of N^4 -Amino and N^4 -Hydroxy Derivatives of 5-Azacytidine. A Facile Rearrangement of the N^4 -Amino Derivative to 5-(3- β -D-Ribofuranosylureido)-1*H*-1,2,4-triazole

Alois Pískala, Naeem B. Hanna, Milena Masojídková,
Pavel Fiedler and Ivan Votruba



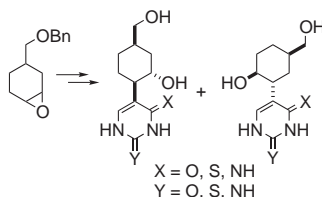
R = H, X = NH₂
R = H, X = OMe
R = Bz, X = OMe

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2004, 69, 918–932

Synthesis of Racemic 2-Hydroxy-4- and 2-Hydroxy-5-(hydroxymethyl)cyclohexane Pyrimidine C-Nucleoside Analogues

Michal Šála, Hubert Hřebabecký,
Milena Masojídková and Antonín Holý



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2004, 69, 933–944

Block Copolymers as Compatibilizers in Coarsening of Polymer Blends: Polystyrene–Poly(methyl methacrylate)–Poly(styrene-*block*-methyl methacrylate) System

Jaroslav Holoubek

