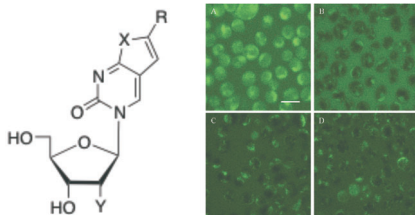


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2011, 76, 1395–1412

**Autofluorescent Fused-Pyrimidine Nucleosides: Synthesis and Evaluation as Permeants and Inhibitors of Human Nucleoside Transporters**

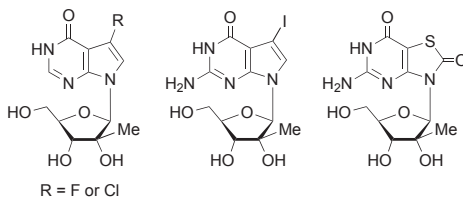
Ireneusz Nowak, Vijaya L. Damaraju,  
Carol E. Cass, James D. Young and  
Morris J. Robins



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2011, 76, 1413–1431

**7-Halogenated 7-Deazapurine 2'-C-Methylribonucleosides**

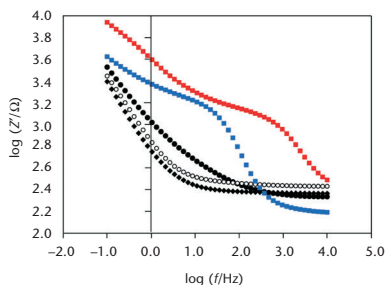
Frank Seela, Simone Budow, Kuiying Xu,  
Xioahua Peng and Henning Eickmeier



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2011, 76, 1433–1445

**Electrochemical Impedance Spectroscopy Study of Electron Transfer at Poly(3,4-ethylene-dioxythiophene) Containing Gold Nanoparticles Coating**

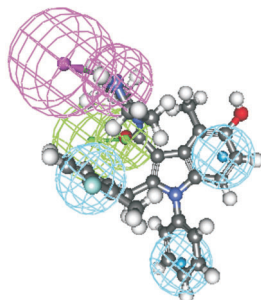
Stelian Lupu



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2011, 76, 1447–1469

**Docking Alignment-3D-QSAR of a New Class of Potent and Non-Chiral Indole-3-carboxamide-Based Renin Inhibitors**

Jahan B. Ghasemi and Somayeh Pirhadi

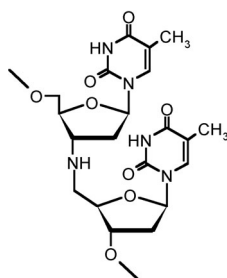


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2011, 76, 1471–1486

**Synthesis, Physico-Chemical and Biological Properties of DNA and RNA Oligonucleotides Containing Short Alkylamino Internucleotide Bond**

Milena Sobczak, Katarzyna Kubiak, Magdalena Janicka, Małgorzata Sierant, Barbara Mikolajczyk and Barbara Nawrot

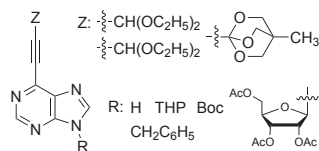


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2011, 76, 1487–1507

**6-Alkynylpurines Bearing Electronacceptor Substituents: Preparation, Reactivity in Cycloaddition Reactions and Cytostatic Activity**

Martin Křováček, Hana Dvořáková, Ivan Votruba, Ivana Císařová and Dalimil Dvořák

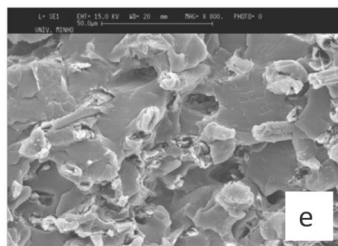


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2011, 76, 1509–1527

**Assessment on the Effects of the Operational Conditions on the Manufacture of PLA-Based Composites Using an Integrated Compounding–Injection Moulding Machine**

Daniel González, Ana Rita Campos, Antonio M. Cunha, Valentín Santos and Juan Carlos Parajó

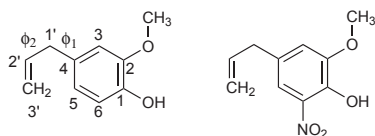


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2007, 72, 1529–1548

**A Theoretical Study of the Nitration of Eugenol with the Nitronium Ion**

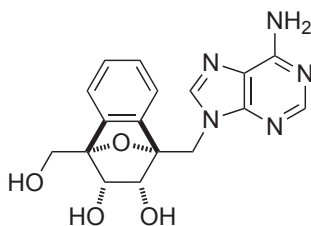
Ricardo Ugarte, Guillermo Salgado and Luis Basáez



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2011, 76, 1549–1566

**Conformationally Locked Nucleoside Analogues Based on the Bridgehead Substituted 7-Oxonorbornane and Their Antiviral Properties**

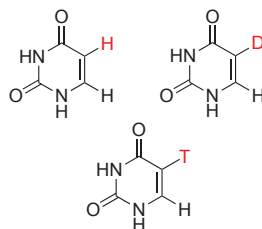
Milan Dejmek, Hubert Hřebabecský,  
Martin Dračínský, Johan Neyts, Pieter Leyssen,  
Helena Mertlíková-Kaiserová and Radim Nencka



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2011, 76, 1567–1577

**Isotope Exchange Reactions of the Hydrogen H-5 of Selected Pyrimidine Derivatives and the Preparation of Tritium-Labeled Pyrimidines**

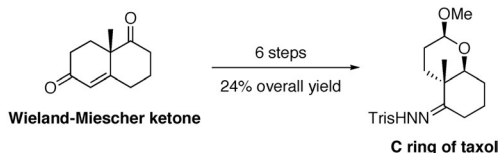
Martin Dračínský, Petr Jansa and Tomáš Elbert



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2011, 76, 1579–1594

**Enantioselective Synthesis of a Taxol C Ring**

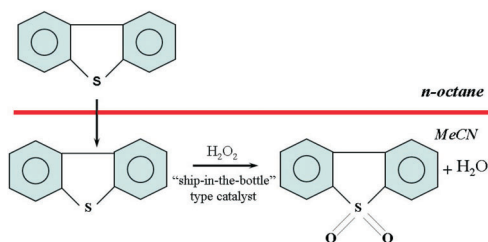
Cong Ma, Stéphanie Schiltz and  
Joëlle Prunet



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2011, 76, 1595–1605

**Performance Evaluation of “Ship-in-the-Bottle” Type Heteropoly Acid Engaged Y-Type Zeolite as Catalyst for Oxidative Desulfurization**

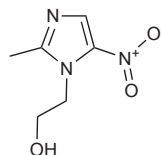
Han Wang and Rui Wang



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2011, 76, 1607–1617

**Metronidazole Radical Anion Formation Studied by Means of Electrochemical Impedance Spectroscopy**

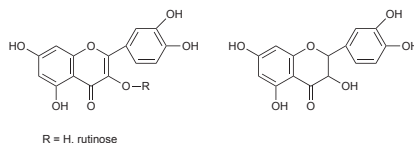
Miroslav Gál, Romana Sokolová, Viliam Kolivoška, Andrea Morovská Turoňová, Marta Ambrová and Ján Híveš



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2011, 76, 1619–1631

**Cyclic Voltammetry of Natural Flavonoids on MWNT-Modified Electrode and Their Determination in Pharmaceuticals**

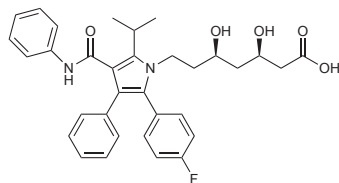
Guzel Ziyatdinova, Ilmira Aytuganova, Alfiya Nizamova, Mikhail Morozov and Herman Budnikov



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2011, 76, 1633–1649

**Electrochemical Oxidation of Atorvastatin and Its Adsorptive Stripping Determination in Pharmaceutical Dosage Forms and Biological Fluids**

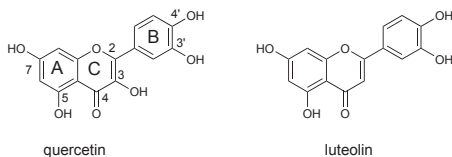
Dilek Eskiköy, Zehra Durmuş and Esma Kiliç



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2011, 76, 1651–1667

**The Influence of the Host–Guest Interaction on the Oxidation of Natural Flavonoid Dyes**

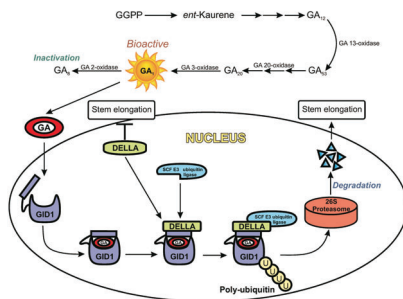
Šárka Ramešová, Romana Sokolová, Ilaria Degano, Magdaléna Hromadová, Miroslav Gál, Viliam Kolivoška and Maria Perla Colombini



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2011, 76, 1669–1686

### Gibberellins – Terpenoid Plant Hormones: Biological Importance and Chemical Analysis

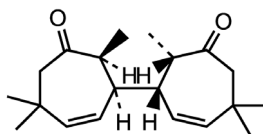
Terezie Urbanová, Danuše Tarkowská,  
Miroslav Strnad and Peter Hedden



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2011, 76, 1687–1697

### Some Historical Chemistry: The Structures of Dieucarvelones A, B and C and the Structure of $\alpha$ -Amyrilene

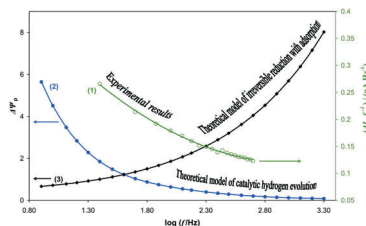
Siegfried Huneck, Joseph D. Connolly and  
Louis Farrugia



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2011, 76, 1699–1715

### Voltammetric Study of 2-Guanidino-benzimidazole: Electrode Mechanism and Determination at Mercury Electrode

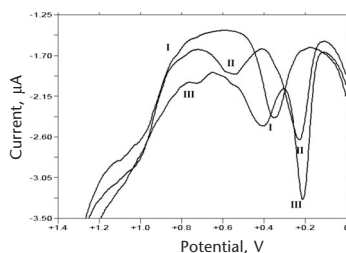
Sławomira Skrzypek, Valentin Mirčeski,  
Sylvia Smarzewska, Dariusz Guziejewski and  
Witold Ciesielski



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2011, 76, 1717–1736

### Simultaneous Determination of L-DOPA and Benserazide in Binary Mixtures Using First Derivative of the Ratio-Voltammetric Methods Based on Their Oxidation on Solid Electrode

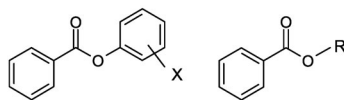
B. Tolga Demircigil, Burcu Dogan-Topal and  
Sibel A. Ozkan



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2011, 76, 1737–1763

**$^{17}\text{O}$  NMR Study of *ortho* and Alkyl Substituent Effects in Substituted Phenyl and Alkyl Esters of Benzoic Acids**

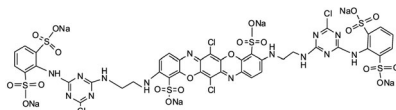


Vilve Nummert, Vahur Mäemets, Mare Piirsalu, Signe Vahur and Ilmar A. Koppel

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2011, 76, 1765–1773

**Determination of Drimarene Blue X-BLN at a Glassy Carbon Electrode by Differential Pulse Voltammetry**



Abd-Elgawad M. Radi, Mohammed R. Mostafa, Reda M. Elshafey and Talaat A. Hegazy

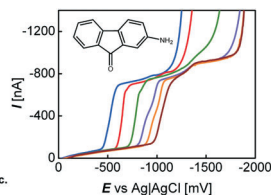
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2011, 76, 1775–1790

**Polarographic and Voltammetric Determination of Genotoxic 2-Aminofluoren-9-one at Mercury Electrodes**



Prof. Ing. Karel Štulík, DrSc.

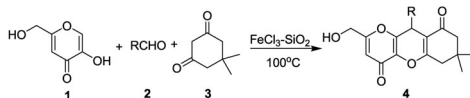


Andrea Hájková, Vlastimil Vyskočil, Aleš Daňhel, Joseph Wang and Jiří Barek

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2011, 76, 1791–1797

**$\text{FeCl}_3\text{-SiO}_2$  as Heterogeneous Catalysts for the Preparation of Dihydropyrano[3,2-*b*]chromenediones**

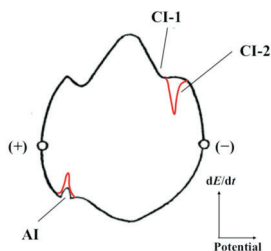


Wei-Lin Li, Jin-Ying Liang, Tian-Bao Wang and Ya-Qin Wang

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2011, 76, 1799–1810

**Early Stage of Nucleic Acid  
Electrochemistry. Detection of DNA  
Damage in X-ray-Irradiated Rats**

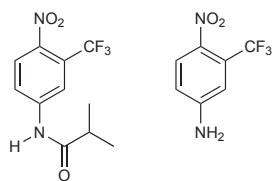
Emil Paleček



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2011, 76, 1811–1823

**Voltammetric Determination of  
Flutamide and Its Metabolite  
4-Nitro-3-trifluoromethylaniline  
at a Hanging Mercury Drop Minielectrode**

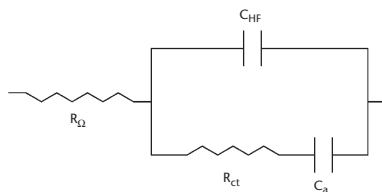
Karolina Pecková, Markéta Průchová,  
Josino C. Moreira, Jiří Barek, Jan Fischer and  
Vlastimil Vyskočil



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2011, 76, 1825–1854

**Application of Electrochemical  
Impedance Spectroscopy to the Study  
of Surface Processes**

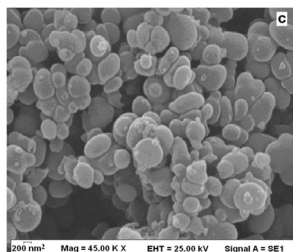
Manuela Rueda Rueda and  
Francisco Prieto Dapena



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2011, 76, 1855–1877

**Electrochemical Preparation of  
Poly(vinylferrocenium)perchlorate-  
Polyaniline Composite-Modified  
Platinum Electrode in Methylene  
Chloride**

Muammer Kavanoz, Mine Şen and  
Nuran Özçiçek Pekmez

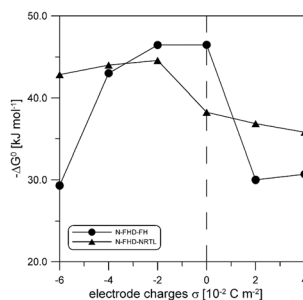


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2011, 76, 1879–1893

### The Correct Interpretation of Tetramethylthiourea Electrosorption Data in 3 M NaClO<sub>4</sub> Solution

Jolanta Nieszporek

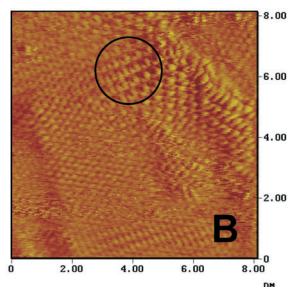


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2011, 76, 1895–1908

### Electrochemical Reduction of Dodecylpyridinium Bromide in Aprotic Solvents: Mechanistic Studies

Magdaléna Hromadová, Lubomír Pospíšil, Romana Sokolová and Viliam Kolivoška

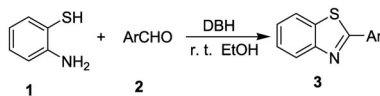


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2011, 76, 1909–1915

### 1,3-Dibromo-5,5-dimethylhydantoin Catalyzed One-Pot Synthesis of 2-Arylbenzothiazoles

Xiaojuan Yang and Jinying Liang

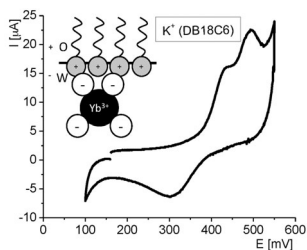


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2011, 76, 1917–1930

### Phospholipid Layer Stabilization via Yb(III) on ITIES and Facilitated K(I) Transport

Jana Jaklová Dyrtrtová, Tomáš Navrátil and Vladimír Mareček

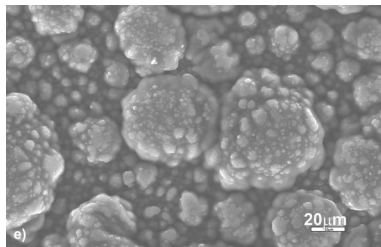




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2011, 76, 1931–1954

**Preparation of Polypyrrole by Direct Electrochemical Oxidation of Pyrrole on Paraffin Impregnated Graphite Electrode**

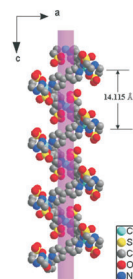
Mária Filkusová, Renáta Oriňáková,  
Kvetoslava Markušová and Karol Koval'



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2011, 76, 1955–1965

**A Novel Helical Chainlike Cobalt(II) Coordination Polymer Containing 1D Trigonal Channels: Synthesis, Crystal Structure and Properties**

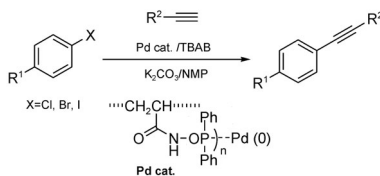
Jin-Hua Cai, Fan Zhong,  
Wen-Tong Chen and Yi-Min Jiang



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2011, 76, 1967–1978

**Copper- and Amine-Free Sonogashira–Hagihara Coupling Reaction Catalyzed by Pd(0) Nanoparticles Supported on Modified Crosslinked Polyacrylamide**

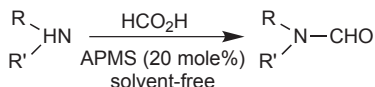
Bahman Tamami and Soheila Ghasemi



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2011, 76, 1979–1990

**Formylation of Amines and Alcohols Using Aminopropylated Mesoporous SBA-15 Silica (APMS) as an Efficient and Recyclable Catalyst**

Reihaneh Malakooti, Sara Sobhani,  
Nasrin Razavi, Soheila Shafiei and  
Rezvan Mokhtari



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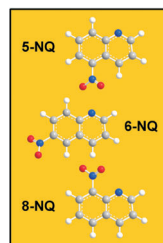
2011, 76, 1991–2004

**Polarographic and Voltammetric Determination of Genotoxic Nitro Derivatives of Quinoline Using Mercury Electrodes**

Vlastimil Vyskočil, Ivan Jiránek, Aleš Daňhel, Jiří Zima, Jiří Barek, Joseph Wang and Karolina Pecková



Professor Petr Zuman

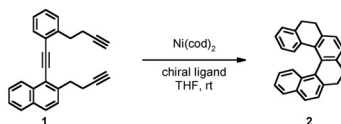


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2011, 76, 2005–2022

**Enantioselective [2+2+2] Cycloisomerisation of Alkynes in the Synthesis of Helicenes: The Search for Effective Chiral Ligands**

Irena G. Stará, Angelina Andronova, Adrian Kollárovič, Štěpán Vyskočil, Sylvain Jugé, Guy C. Lloyd-Jones, Patrick J. Guiry and Ivo Starý

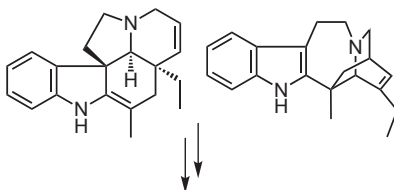


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2011, 76, 2023–2083

**Recent Developments in Syntheses of the Post-Secodine Indole Alkaloids. Part III: Rearranged Alkaloid Types**

Josef Hájíček



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2011, 76, 2085–2116

**Why Do Disilanes Fail to Fluoresce?**

Matthew MacLeod and Josef Michl

