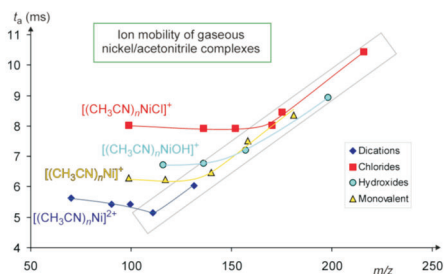


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2011, 76, 351–369

Ion-Mobility Mass Spectrometry of Complexes of Nickel and Acetonitrile

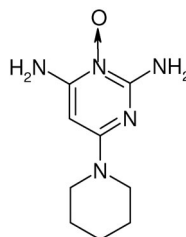
Detlef Schröder



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Adsorptive Cathodic Stripping Determination of Minoxidil in Pharmaceutical, Cream and Shampoo Products

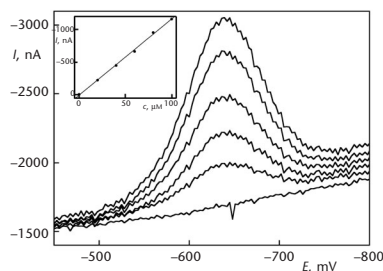
Farhad Ahmadi, Sahar Ghasemi, Mehdi Rahimi-Nasrabadi



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Determination of Chloramphenicol by Differential Pulse Voltammetry at Carbon Paste Electrodes – The Use of Sodium Sulfite for Removal of Oxygen from Electrode Surface

Ferenc T. Pastor, Hana Dejmková,
Jiří Zima and Jiří Barek



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2011, 76, 399–406

Two Uncertainty Relations

Lubomír Skála and Vojtěch Kapsa

$$\langle (\Delta x)^2 \rangle \langle (\Delta p_1)^2 \rangle \geq \left[\int \Delta x \left(\frac{\partial \psi}{\partial x} - \left\langle \frac{\partial}{\partial x} \right\rangle \psi \right) |\psi|^2 dx \right]^2$$

$$\langle (\Delta x)^2 \rangle \langle (\Delta p_2)^2 \rangle \geq \frac{\hbar^2}{4}.$$

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2011, 76, 407–414

Verification of the Mutual Consistency and Reliability of Thermodynamic Data of Inorganic Electrolytes

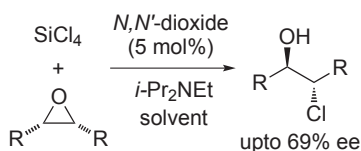
$$\Delta_f G^\circ(\text{C}_c\text{A}_a \cdot n\text{H}_2\text{O}, \text{cr}) = \Delta_f G^\circ(\text{C}_c\text{A}_a, \text{aq}) + n \Delta_f G^\circ(\text{H}_2\text{O}, \text{l}) + \\ + RT \ln (m_{\text{C},s}^c m_{\text{A},s}^c a_s^{(c+a)} a_{\text{w},s}^n)$$

Jan Balej

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2011, 76, 415–422

Enantioselective Epoxide Ring Opening Catalyzed by Bis(tetrahydroisoquinoline) *N,N'*-Dioxides

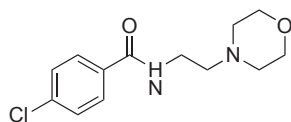
Aneta Kadlčíková, Klára Vlašáná and Martin Kotora



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Electrochemical Behavior of Moclobemide at Mercury and Glassy Carbon Electrodes and Voltammetric Methods for Its Determination

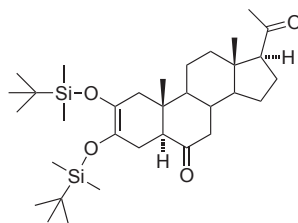
Deniz Altınöz Erdogan, Ibrahim Hüdaî Taşdemir, Nevin Erk and Esma Kiliç



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The Introduction of a Double Bond on the Steroid Skeleton – The Preparation of Enol Silyl Ether Derivatives from Vicinal Diols

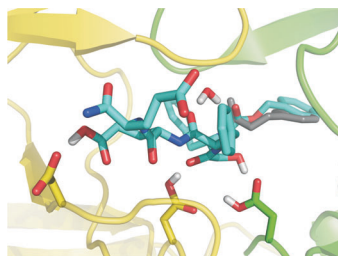
Aleš Marek, Blanka Klepetářová and Tomáš Elbert



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**On the Reliability of the Corrected
Semiempirical Quantum Chemical Method
(PM6-DH2) for Assigning the Protonation
States in HIV-1 Protease/Inhibitor Complexes**

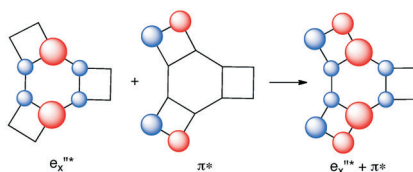
Adam Pecina, Ondřej Přenosil, Jindřich Fanfrlík,
Jan Řezáč, Jaroslav Granatier, Pavel Hobza and
Martin Lepšík



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**Cooperative Effects in the Annulation
of Benzene by Multiple Etheno Groups**

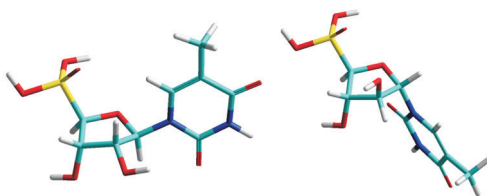
Xiaoguang Bao, David A. Hrovat and
Weston Thatcher Borden



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**Tetrofuranose Nucleoside
Phosphonic Acids:
Synthesis and Properties**

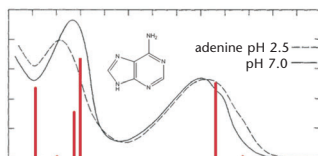
Ivana Poláková, Miloš Buděšínský,
Zdeněk Točík and Ivan Rosenberg



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**Absorption Spectra of Nucleic Acid
Bases Studied by the Symmetry-
Adapted-Cluster Configuration-Interaction
(SAC-CI) Method**

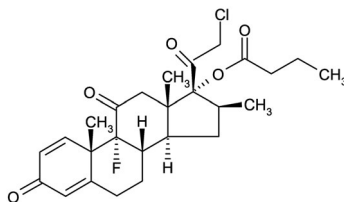
Tomoo Miyahara and Hiroshi Nakatsuji



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Investigations on the Polymorphism and Pseudopolymorphism of Clobetasone Butyrate

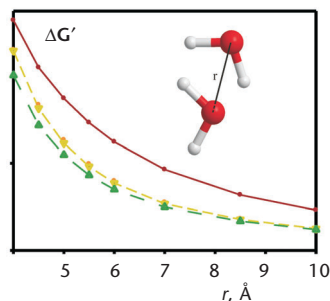
Christian Näther and Inke Jeß



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On the Limited Precision of Transfer of Molecular Optical Activity Tensors

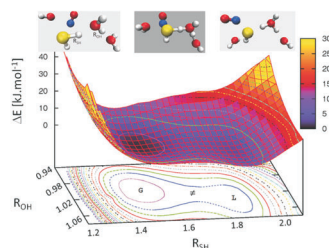
Shigeki Yamamoto and Petr Bouř



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Effects of Micro-Hydration in Proton Transfer from $\text{H}_2\text{S}\cdot\text{NO}^+$ Complex to Water: *ab initio* and Molecular Dynamics Study

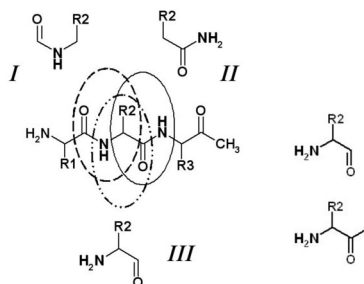
Ivan Černušák, Jozef Federič, Pavel Jungwirth and Milan Uhlár



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How to Fragment a Polypeptide? An *ab initio* Computational Study of Pair Interactions Between Amino Acids and Ligand-Amino Acids in Proteins

Vojtěch Klusák, Petr Dobeš, Jiří Černý and Jiří Vondrášek



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2011, 76, 619–629

**Theoretical Study of Metallasilatrane;
Bonding Nature and Prediction of
New Metallasilatrane**

Shigeyoshi Sakaki, Daisuke Kawai and
Shinya Tsukamoto

