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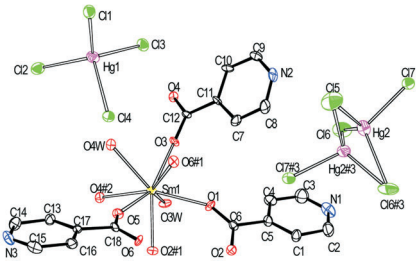
2011, *76*, 223–234

Synthesis, Structure and Properties of a Heterometallic 4f-5d Complex $[Sm(Hinic)_3(H_2O)_2]_n(1.5nHgCl_4)(2nH_2O)$

Wentong Chen



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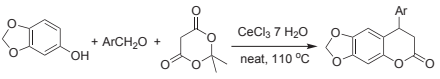
2011, *75*, 235–241

$CeCl_3 \cdot 7H_2O$ as Mild and Efficient Catalyst for the One-Pot Multicomponent Synthesis of 8-Aryl-7,8-dihydro[1,3]dioxolo-[4,5-*g*]chromen-6-ones

Li-Qiang Wu, Wei-Lin Li and Fu-Lin Yan



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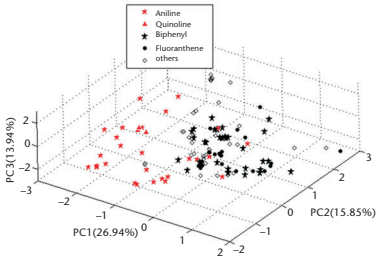
2011, *76*, 243–264

Use of Advanced Statistical Learning Methods and Principal Component Analysis in Quantitative Structure–Genotoxicity Relationship Study of Amines

Yueying Ren, Baowei Zhao and Xiaojun Yao



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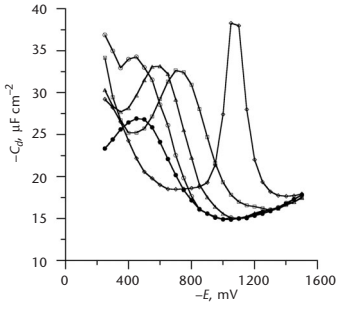
2011, *76*, 265–275

Adsorption of Thiourea and Its Methyl Derivatives from Chlorate(VII) with Varied Water Activity

Agnieszka Nosal-Wiercińska and Mariusz Grochowski



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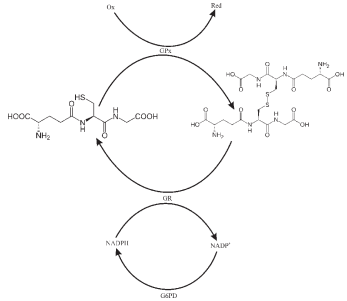
2011, *76*, 277–294

Determination of Glutathione and Glutathione Disulfide in Human Whole Blood Using HPLC with Coulometric Detection: A Comparison with Fluorescence Detection

Roman Kaňďár, Pavla Žáková, Miroslava Marková, Halka Lotková, Otto Kučera and Zuzana Červinková



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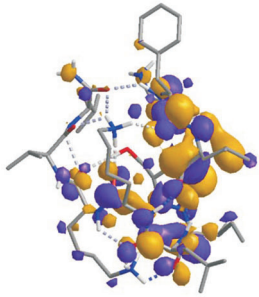
2011, *76*, 295–309

Electron Transfer Dissociation of a Melectin Peptide: Correlating the Precursor Ion Structure with Peptide Backbone Dissociations

Christopher L. Moss, Thomas W. Chung, Václav Čeřovský and František Tureček



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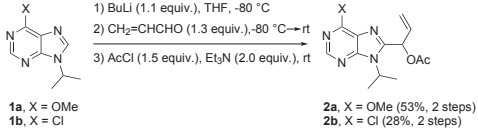
2011, *76*, 311–326

Pd-Catalyzed Allylic Substitution of Purin-8-yl(allyl) Acetate: Route to (*E*)-Alkenylpurines

Miroslava Tobrmanová, Tomáš Tobrman and Dalimil Dvořák



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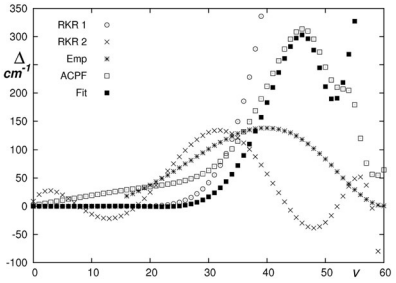
2011, *76*, 327–341

Potential Energy Curve of N_2 Revisited

Vladimír Špirko, Xiangzhu Li and Josef Paldus



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2011, *76*, 343–350

Standard and Reversible Anodic Potentials of the Electrosynthesis of Peroxodisulfates at 0–50 °C

Jan Balej

The electrosynthesis of peroxodisulfates can be described by the following overall equations

$$2\ SO_4^{2-} + 2\ H^+ \pm 2\ e = S_2O_8^{2-} + H_2 \quad (1)$$

and/or

$$2\ HSO_4^- \pm 2\ e = S_2O_8^{2-} + H_2 \quad (2)$$