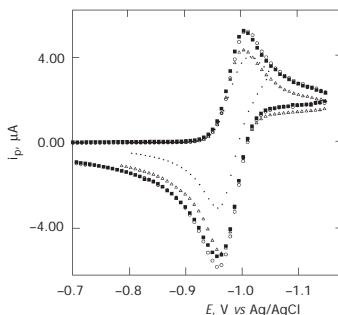


*Collect. Czech. Chem. Commun.*  
**2004, 69, 267–278**

**The Influence of Diaminotoluene Isomers on the Two-Step Electroreduction of Zn(II) Ions in Acetate Buffers at Different Acidities**

Grażyna Dalmata, Agnieszka Nosal-Wiercińska and Teresa Zięcina



*Collect. Czech. Chem. Commun.*  
**2004, 69, 279–291**

**Evaluation of Two-Center Overlap Integrals Over Slater-Type Orbitals Using Fourier Transform Convolution Theorem**

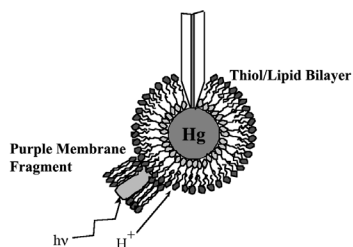
Telhat Özdoğan

$$G_{M,N}^{e,L}(\zeta, \zeta'; R) = g_{M,N}^{e,L}(\zeta, \zeta'; R) + g_{N,M}^{e,L}(\zeta', \zeta; R)$$

*Collect. Czech. Chem. Commun.*  
**2004, 69, 292–308**

**Two Photobioelectrochemical Applications of Self-Assembled Films on Mercury**

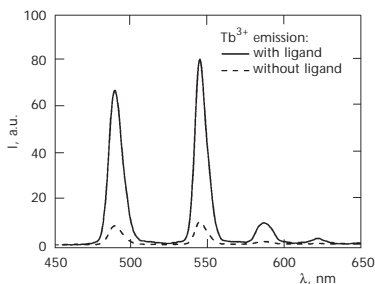
Francesco Tadini Buoninsegni, Andrea Dolfi and Rolando Guidelli



*Collect. Czech. Chem. Commun.*  
**2004, 69, 309–321**

**Luminescent Terbium Complexes with Polymer Ligands**

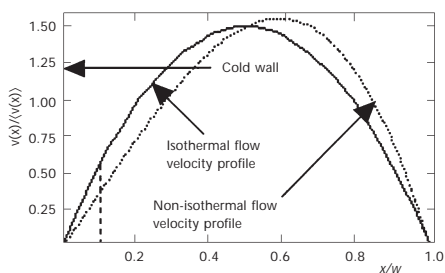
Drahomír Výprachtický, Věra Cimrová, Stanislav Kukla and Luďka Machová



*Collect. Czech. Chem. Commun.*  
2004, 69, 322–329

### High-Speed Micro-Thermal Focusing Field-Flow Fractionation of Micron-Size Particles

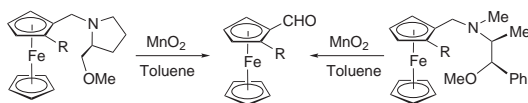
Irina A. Ananieva, Anastasia Yu. Menshikova,  
Tatiana G. Evseeva and Josef Janča



*Collect. Czech. Chem. Commun.*  
2004, 69, 330–338

### Synthesis of New Chiral 1,2-Disubstituted Ferrocenes

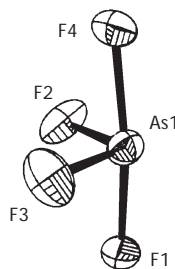
Ivana Fleischer and Štefan Toma



*Collect. Czech. Chem. Commun.*  
2004, 69, 339–350

### New Alkali Metal and Tetramethylammonium Tetrafluoroarsenates(III), Their Vibrational Spectra and Crystal Structure of Cesium Tetrafluoroarsenate(III)

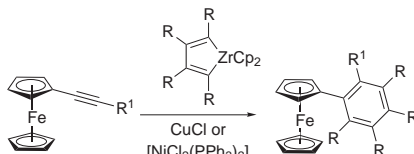
Peter Klampfer, Primož Benkič, Antonija Lesar,  
Bogdan Volavšek, Maja Ponikvar and Adolf Jesih

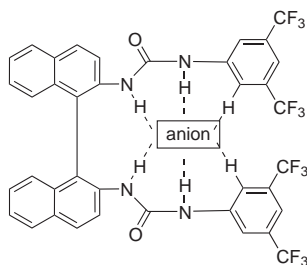
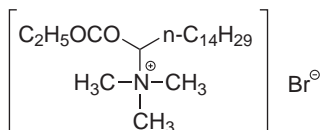
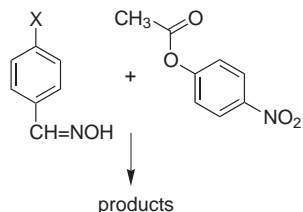
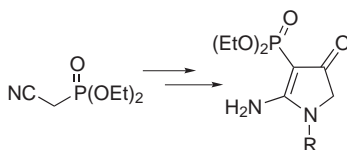


*Collect. Czech. Chem. Commun.*  
2004, 69, 351–364

### Reaction of Zirconacyclopentadienes with Ethynylferrocenes

Lenka Dufková, Hiroshi Matsumura,  
David Nečas, Petr Štěpnička, Filip Uhlík and  
Martin Kotora



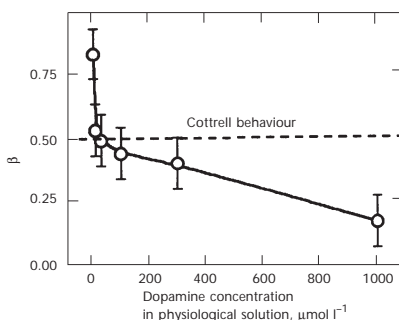
*Collect. Czech. Chem. Commun.***2004, 69, 365–383****New Ligands for Enantioselective Recognition of Chiral Carboxylates Based on 1,1'-Binaphthalene-2,2'-diamine**Ivan Stibor, Roman Holakovský,  
Asiya R. Mustafina and Pavel Lhoták*Collect. Czech. Chem. Commun.***2004, 69, 384–396****Inclusion Complexation of Carbethopendecinium Bromide with Some  $\alpha$ - and  $\beta$ -Cyclodextrins Studied by Potentiometry with Membrane Electrodes**František Kopecký, Mária Vojteková,  
Silvia Kováčová and Monika Juričková*Collect. Czech. Chem. Commun.***2004, 69, 397–413****Reactivity of *p*-Substituted Benzaldoximes in the Cleavage of *p*-Nitrophenyl Acetate: Kinetics and Mechanism**Jan Pícha, Radek Cibulka, František Hampl,  
František Liška, Patrik Pařík and Oldřich Pytela*Collect. Czech. Chem. Commun.***2004, 69, 414–418****Preparation of Diethyl 1-(Alkyl/Aryl)-2-amino-4-oxo-4,5-dihydropyrrol-3-yl)-phosphonates**Anton V. Tverdokhlebov,  
Andrey A. Tolmachev and  
Yulian M. Volovenko

*Collect. Czech. Chem. Commun.*

**2004, 69, 419–425**

**Non-Cottrell Behavior of the Dopamine Redox Reaction Observed on the Carbon Fibre Microelectrode by the Double-Step Voltcoulometry**

Katarína Gmucová, Jozef Orlický and Juraj Pavlásek

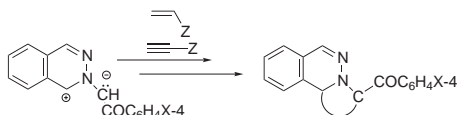


*Collect. Czech. Chem. Commun.*

**2004, 69, 426–434**

**1,3-Dipolar Cycloaddition Reactions of 4-Halophenylphthalazinium Ylides to Activated Alkenes and Alkynes**

Maria C. Caprosu, Gheorghita N. Zbancioc, Costel C. Moldoveanu and Ionel I. Mangalagiu

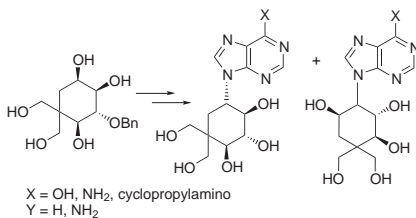


*Collect. Czech. Chem. Commun.*

**2004, 69, 435–452**

**Synthesis of Purine Nucleoside Analogues Derived from Carbocyclic 5-C-(Hydroxymethyl)hexopyranoses**

Hubert Hřebabecký, Milena Masojídková and Antonín Holý



*Collect. Czech. Chem. Commun.*

**2004, 69, 453–460**

**Synthesis of 4,6-Disubstituted-2-(1H-indol-3-yl)benzothiazoles**

Janka Záletová, Milan Dzurilla, Peter Kutschy, Pavel Pazdera, Vladimír Kováčik, Juraj Aldöfí and Slávka Bekešová

