

Collect. Czech. Chem. Commun.  
1998, 63, 293–298

**Solubility and Thermodynamic Transfer Functions of Cesium Dianilinetetraiso-thiocyanatochromate(III)**

Vladislav Holba

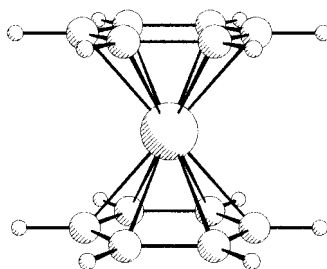


$$\Delta G_{\text{tr}}^0, \Delta H_{\text{tr}}^0, \Delta S_{\text{tr}}^0$$

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1998, 63, 299–304

**Analysis of  $^1\text{H}$  NMR Data for Arene–Metal Complexes Using Extended Hückel Calculations**

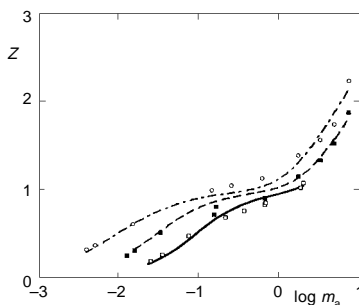
Adelino M. Galvao  
and Joao L. Ferreira Da Silva



Collect. Czech. Chem. Commun.  
1998, 63, 305–320

**Extraction of Tartaric Acid with Trialkylamine**

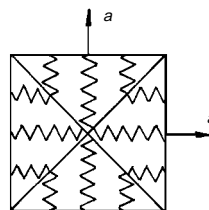
Radmila Tomovska, Filimena Poposka,  
Eva Volaufova, Ales Heyberger  
and Jaroslav Prochazka



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1998, 63, 321–337

**Sorption and Transport of Species in Silicalite Study of Binary Systems Containing Iodine**

Vladimir Masarik, Pavel Novak,  
Arlette Zikanova, Jan Kornatowski,  
Jaroslav Maixner and Milan Kocirik



Silicalite-1 90°-intergrowth

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1998, 63, 338–346

**Extraction of  $^{133}\text{Ba}$  with Bis[undecahydro-7,8-dicarbaundecaborato(2-)]cobaltate(1-) in the Presence of Dibenzo-18-crown-6**

Petr Vanura and Emanuel Makrlík



Collect. Czech. Chem. Commun.

1998, 63, 347–355

**Determination of Arsenic in High-Saline Mineral Waters by Inductively Coupled Plasma Mass Spectrometry**

Oto Mestek

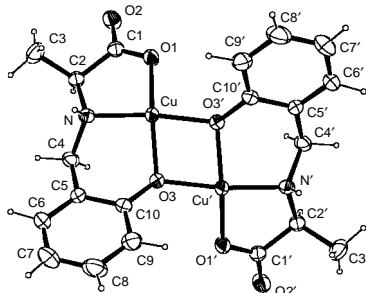
- chemical and mathematical methods of corrections of polyatomic interferences
- comparison with hydride generation method

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1998, 63, 356–362

**Crystal and Molecular Structure of Di- $\mu$ -phenoxido-bis-[*N*-{(2-hydroxybenzyl)-(S)-alaninato- $\kappa^3$ -O,O',N}copper(II)]. A Simple Homodimetallic Model for *N*-Terminal Tyrosine Coordination with (S)-Alanine as a Second Amino Acid Residue**

Svetlana Pakhomova, Jan Ondracek and Frantisek Jursik

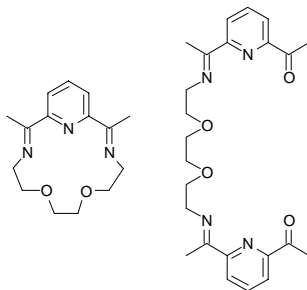


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1998, 63, 363–370

**Azaoxa Macrocyclic and Acyclic Complexes of Lanthanides**

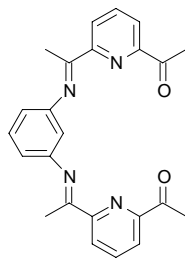
Violetta Patroniak-Krzyminiewska and Wanda Radecka-Paryzek



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1998, 63, 371–377

**The Template Synthesis and Characterization of New Mono- and Dinuclear Podand Schiff Base Complexes of Scandium Group Elements**

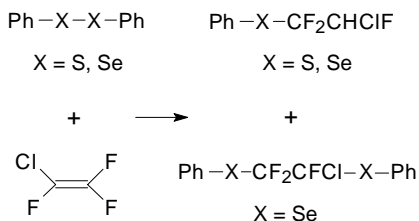
Emilia Luks and Wanda Radecka-Paryzek



Collect. Czech. Chem. Commun.  
1998, 63, 378–386

**Electroreductive Additions of Aromatic Dichalcogenides to Fluorinated Ethenes**

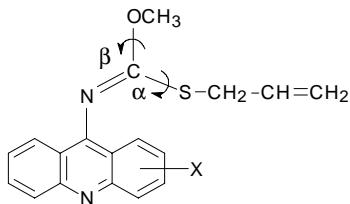
David Dvorak, Eva Neugebauerova,  
Frantisek Liska and Jiri Ludvik



Collect. Czech. Chem. Commun.  
1998, 63, 387–393

**Configuration and Conformation Study of *S*-Allyl *O*-Methyl *N*-(2- and 4-Substituted Acridin-9-yl)thiocarbonimidates in Relation to Their [3,3] Sigmatropic Rearrangement**

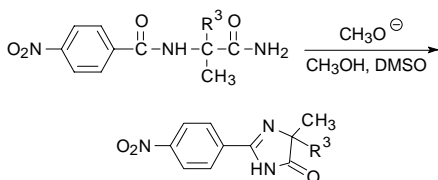
Ivan Danihel, Kalevi Pihlaja, Jan Imrich,  
Gejza Suchar, Pavol Kristian, Stanislav Bohm  
and Slavka Hocova



Collect. Czech. Chem. Commun.  
1998, 63, 394–406

**Kinetics and Mechanism of Cyclization of Substituted 2-(Benzoylamino)-alkanamides in Strongly Basic Medium**

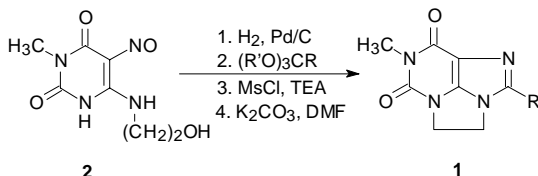
Milos Sedlak, Jaromir Kavalek,  
Petr Mitas and Vladimir Machacek



Collect. Czech. Chem. Commun.  
1998, 63, 407–415

**Synthesis of 4-Alkyl- or 4-Phenyl-7-methyl-1,2-dihydro-7H-imidazo-[1,2,3-cd]purine-6,8-diones**

Ondrej Simo, Alfonz Rybar  
and Juraj Alföldi

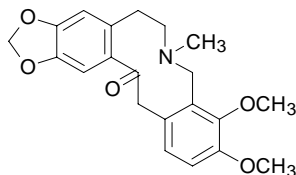


R = CH<sub>3</sub>, C<sub>2</sub>H<sub>5</sub>, n-C<sub>3</sub>H<sub>7</sub>, n-C<sub>4</sub>H<sub>9</sub>, C<sub>6</sub>H<sub>5</sub>

Collect. Czech. Chem. Commun.  
1998, 63, 416–424

**Crystal Structures of  $\alpha$ - and  $\beta$ -Allocriptopine**

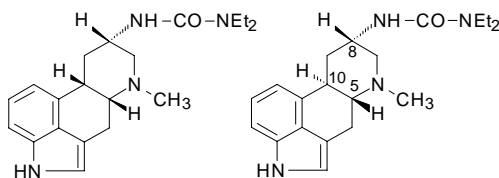
Jaromir Marek, Jiri Dostal and Jiri Slavik



Collect. Czech. Chem. Commun.  
1998, 63, 425–433

**Molecular Structure of *cis*- and *trans*-Tergurides**

Michal Husak, Bohumil Kratochvil,  
Petr Sedmera, Vladimir Havlicek,  
Hana Votavova, Ladislav Cvak,  
Petr Bulej and Alexandr Jegerov



Collect. Czech. Chem. Commun.  
1998, 63, 434–440

**Characterization of Glycoprotein Fraction from Carp Pituitaries Isolated Using Concanavalin A as the Affinity Ligand**

Irena Hulova, Jana Barthova, Helena Ryslava  
and Vaclav Kasicka

Composition of carp gonadotropin:

$\alpha$ -subunit: m.w. 16 000

*N*-terminal sequence:

Tyr-Pro-Arg-Asn-Asp-Met-Asn-Asn-Phe-Gly-

$\beta$ -subunit: m.w. 25 000

*N*-terminal sequence:

Ser-Tyr-Leu-Pro-Pro-X-Glu-Pro-Val-X-

Collect. Czech. Chem. Commun.  
1998, 63, 441–448

**High Conformational Stability  
of Cytochrome P-450 1A2.  
Evidence from UV Absorption Spectra**

Pavel Anzenbacher, Nicole Bec,  
Jiri Hudecek, Reinhard Lange  
and Eva Anzenbacherova

