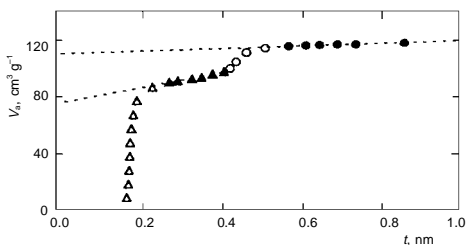


Collect. Czech. Chem. Commun.
1998, 63, 141–154

Adsorption Properties of ZSM-5 Zeolites

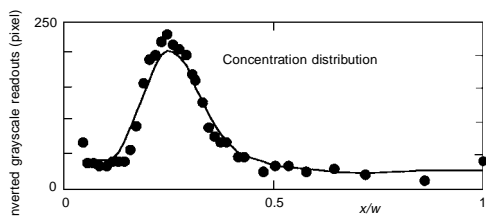
Pavol Hudec, Agata Smieskova, Zdenek Zidek,
Milan Zubek, Petr Schneider, Milan Kocirik
and Jana Kozankova



Collect. Czech. Chem. Commun.
1998, 62, 155–163

Isoperichoric Focusing Phenomena Generated by Coupled Electric and Gravitational Field Forces in Bidisperse Mixtures of Colloidal Particles

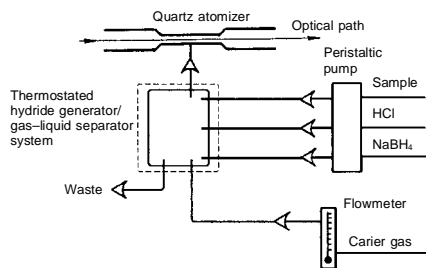
Josef Janca and Natalia Gospodinova



Collect. Czech. Chem. Commun.
1998, 63, 164–181

Comparison of Hydride Generator/Gas-Liquid Phase Separator Systems for Continuous Hydride Generation in Atomic Absorption Spectrometry

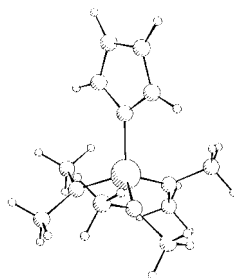
Milan Krenzelo, Petr Rychlovsky



Collect. Czech. Chem. Commun.
1998, 63, 182–186

Synthesis, Characterization and Theoretical Evaluation of $[\text{Ti}(\text{NC}_4\text{Me}_4)(\text{NMe}_2)_3]$ – A Complex with *N*-Bonded 2,3,4,5-Tetra- methylpyrrolyl Ligand

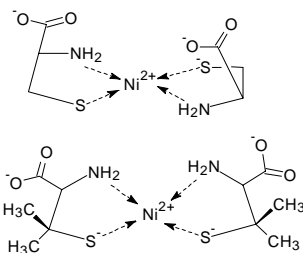
Alberto R. Dias, Adelino M. Galvao
and Ana C. Galvao



Collect. Czech. Chem. Commun.
1998, 63, 187–198

Electrochemical Investigations of the Nickel(II)–Penicillamine System. Inert and Labile Complexes Detected by Polarography

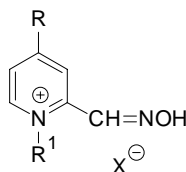
Ana Ion, Florinel G. Banica
and Constantin Luca



Collect. Czech. Chem. Commun.
1998, 63, 199–204

Cholinesterase Reactivators Derived from Pyridine-2-carbaldoxime

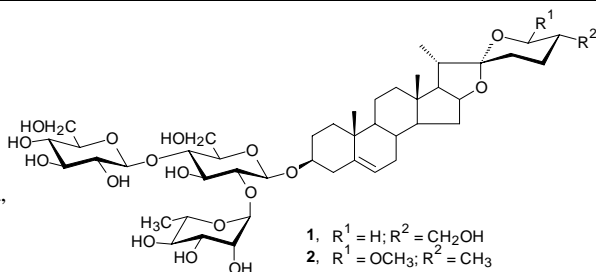
Jiri Bielavsky, Jiri Kassa, Iva Elsnerova
and Lubos Dejmek



Collect. Czech. Chem. Commun.
1998, 63, 205–210

Steroidal Saponins from *Lilium candidum* L.

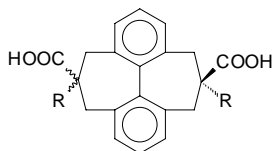
Maria Haladova, Eva Eisenreichova,
Pavel Mucaji, Milos Budesinsky
and Karel Ubik



Collect. Czech. Chem. Commun.
1998, 63, 211–221

Axially Chiral Bis(α-amino Acid)s and Their Deamino Analogues. Synthesis and Configurational Assignment

Milos Tichy, Ludek Ridvan,
Milos Budesinsky, Jiri Zavada,
Jaroslav Podlaha and Ivana Cisarova



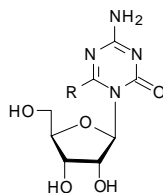
cis- and trans; R = H or NH₂

Synthesis, structural analysis,
NMR, single crystal X-ray

Collect. Czech. Chem. Commun.
1998, 63, 222–230

Synthesis of Some 6-Substituted 5-Azacytidines

Naeem B. Hanna, Milena Masojdkova,
Pavel Fiedler and Alois Piskala

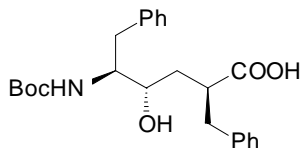


R = Bn, Ph, CH₂Cl

Collect. Czech. Chem. Commun.
1998, 63, 231–244

Peptide Inhibitors of Aspartic Proteinases with Hydroxyethylene Isostere Replacement of Peptide Bond. I. Preparation of Four Diastereoisomeric (2R or 2S,4R or 4S,5S)-2-Benzyl-5-[(*tert*-Butoxycarbonyl)amino]-4-hydroxy-6-phenylhexanoic Acids

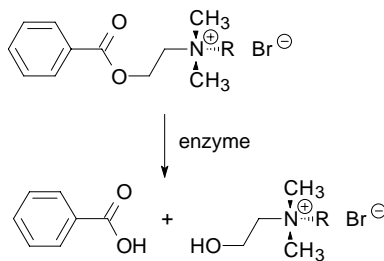
Jaroslav Litera, Milos Budesinsky,
Jan Urban and Milan Soucek



Collect. Czech. Chem. Commun.
1998, 63, 245–251

Dependence of *in vitro* Enzymic Hydrolysis of Alkyl(2-benzoyloxyethyl)dimethylammonium Bromides on the Alkyl Length

Eva Olaszova, Ingrid Paulikova, Otto Helia,
Emil Svajdlenka, Ferdinand Devinsky
and Ivan Lacko



Collect. Czech. Chem. Commun.
1998, 63, 252–270

Effectiveness Factor for a Non-Isothermal Simple Catalytic Reaction with Combined Transport Processes: Maxwell–Stefan Approach

Petr Schneider

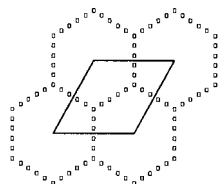
$$\frac{1}{z^w} \frac{d}{dz} \left(z^w F^{-1} \frac{dc}{dz} \right) = R, \quad (1)$$

$$\frac{1}{z^w} \frac{d}{dz} \left(z^w \lambda \frac{d\theta}{dz} \right) = - \frac{(-\Delta H_r)}{T_s a_1} \quad (2)$$

Collect. Czech. Chem. Commun.
1998, 63, 271–282

**The Effects of Processing Parameters
on the Synthesis of Siliceous MCM-41
from Colloidal Silicas**

Jiri Rathousky, Marketa Zukalova
and Arnost Zukal



Collect. Czech. Chem. Commun.
1998, 63, 283–292

**Axial Dispersion in a Three-Phase
Gas-Agitated Spray Extraction Column**

Milan Sovilj

