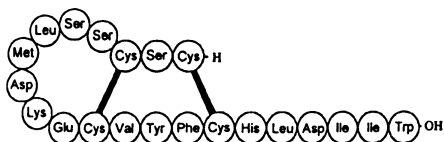


Collect. Czech. Chem. Commun.  
1999, 64, 1211–1252

**Biological Function and Chemistry  
of Endothelin. A Review**

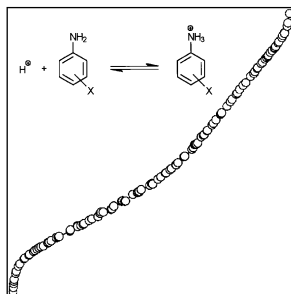
Jan Hlaváček and Renáta Marcová



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1999, 64, 1253–1261

**Construction and Chemometric Analysis  
of Acidity Function in Perchloric Acid**

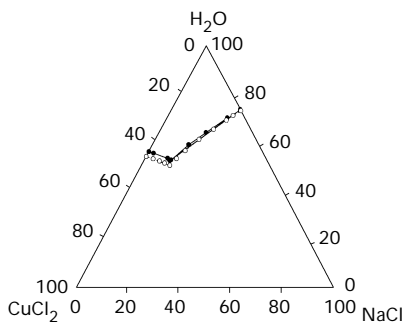
Eva Jirásková, Jiří Kulhánek,  
Taťjana Nevěčná and Oldřich Pytela



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1999, 64, 1262–1268

**Solubility in the  $\text{CuCl}_2$ – $\text{NaCl}$ – $\text{H}_2\text{O}$  System  
and Hydration Analysis in the Case  
of Complexation**

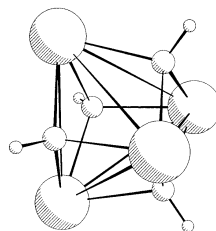
Jitka Eysseltořová, Vladimír Zbránek  
and Jan Jirsák



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1999, 64, 1269–1273

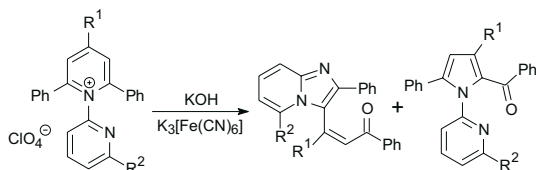
**On the Reliability of the Structures  
of Lead(II) Hydroxo Complexes  
Obtained by MNDO Method**

Martin Breza and Alena Manová



Collect. Czech. Chem. Commun.  
1999, 64, 1274–1294

**Sterically Crowded Heterocycles.**  
X. A New Mechanistic Approach  
to the Ferricyanide Oxidation of  
4,6'-Disubstituted 1-(Pyridin-2'-yl)-  
2,6-diphenylpyridinium Salts

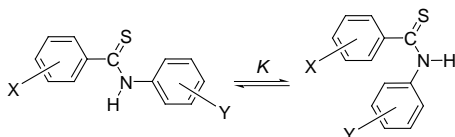


Radek Pohl, Stanislav Böhm  
and Josef Kuthan

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1999, 64, 1295–1306

**Substituent Effects on Conformational  
Equilibria: Substituted Thiobenzanilides**

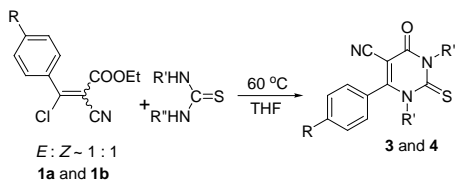
Karel Waisser, Karel Palát, Jr.  
and Otto Exner



Collect. Czech. Chem. Commun.  
1999, 64, 1307–1315

**Synthesis of Alkyl- and Phenyl-2-thio-  
uracils and 1,3-Thiazin-4-ones by  
Nucleophilic Substitution of  
Unsymmetrical Thioureas  
with 3-Chloropropenoates**

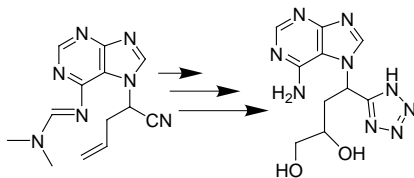
Lars F. Jalander and Jan-Erik Lönnqvist



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1999, 64, 1316–1324

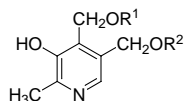
**7-(1-Cyanobut-3-en-1-yl)-N<sup>6</sup>-[(N,N-Dimethylamino)-  
methylene]adenine as a Starting Compound  
for the Synthesis of  $\alpha$ -Branched Acyclic  
Analogues of N<sup>7</sup>-Isomer of Adenosine**

Dana Hocková, Milena Masojídková  
and Antonín Holý



Collect. Czech. Chem. Commun.

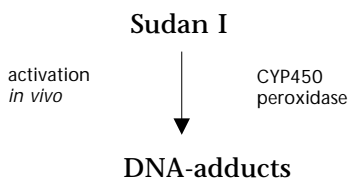
1999, 64, 1325–1334

**Pyridoxine as a Substrate for Screening Synthetic Potential of Glycosidases**Lenka Weignerová, Yukio Suzuki,  
Zdenka Huňková, Petr Sedmera,  
Vladimír Havlíček, Radek Marek  
and Vladimír Křen

- 1; R<sup>1</sup> = R<sup>2</sup> = H  
 2a; R<sup>1</sup> = βGlcNAc, R<sup>2</sup> = H  
 2b; R<sup>1</sup> = H, R<sup>2</sup> = βGlcNAc  
 3; R<sup>1</sup> = H, R<sup>2</sup> = αGal  
 4a; R<sup>1</sup> = βGal, R<sup>2</sup> = H  
 4b; R<sup>1</sup> = H, R<sup>2</sup> = βGal  
 5a; R<sup>1</sup> = αMan, R<sup>2</sup> = H  
 5b; R<sup>1</sup> = H, R<sup>2</sup> = αMan

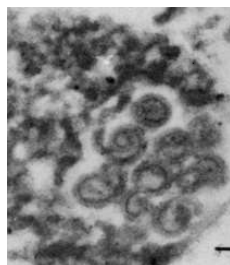
Collect. Czech. Chem. Commun.

1999, 64, 1335–1347

**<sup>32</sup>P-Postlabelling Analysis of DNA Adducts with 1-(Phenylazo)-2-naphthol (Sudan I, Solvent Yellow 14) Formed *in vivo* in Fisher 344 Rats**Marie Stiborová, Heinz H. Schmeiser,  
Andrea Breuer and Eva Frei

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1999, 64, 1348–1356

**Conditions Resulting in Formation of Properly Assembled Retroviral Capsids within Inclusion Bodies of *Escherichia coli***Michaela Rumlová-Kliková, Iva Pichová,  
Eric Hunter and Tomáš Ruml

Collect. Czech. Chem. Commun.

1999, 64, 1357–1368

**Effects of Doping on the Electrochemical and Electrical Properties of Poly(2,5-di(2-thienyl)pyrrole)**Enric Brillas, José Carrasco, Ramon Oliver,  
Francesc Estrany and Víctor Ruiz