

Collect. Czech. Chem. Commun.  
62, 1–41 (1997)

**99 Semesters Of Chemistry – A Personal  
Retrospective on the Molecular State  
Approach by Preparative Chemists**

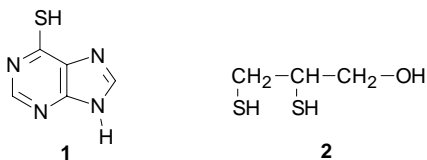
Hans Bock

- Molecular State Model for the Preparative Chemist
- Microscopic Reaction Pathways of Medium-Size Molecules
- Self-Assembly of Molecules on Crystallization

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62, 42–46 (1997)

**Titration of Mercaptans and Some  
Mercaptan-Based Drugs with Iodine  
Monobromide in Non-Aqueous  
Dimethyl Sulfoxide**

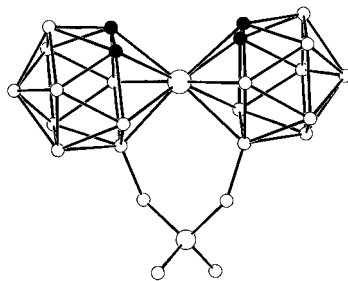
D. K. Sharma, B. S. Sambra,  
N. Verma And B. C. Verma



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62, 47–56 (1997)

**Dimethyl Sulfate Induced Nucleophilic  
Substitution of the [Bis(1,2-dicarbollido)-  
3-cobalt(1-)]ate Ion. Syntheses, Properties  
and Structures of Its 8,8'- $\mu$ -Sulfato,  
8-Phenyl and 8-Dioxane Derivatives**

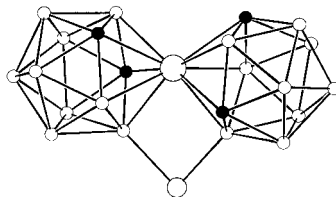
Jaromir Plesek, Stanislav Hermanek,  
Andreas Franken, Ivana Cisarova and  
Christiane Nachtigal



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62, 57–61 (1997)

**The Structure of  
[6,6'- $\mu$ -S(1,7-C<sub>2</sub>B<sub>9</sub>H<sub>10</sub>)<sub>2</sub>-2-Co][PPh<sub>4</sub>]<sup>+</sup>**

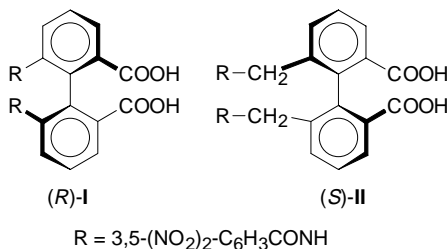
Jaromír Plesek, Andreas Franken and  
Roland Fröhlich



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62, 62–68 (1997)

**Comparison of (*R*)-(-)-6,6'-Bis(3,5-dinitrobenzamido)biphenyl-2,2'-dicarboxylic and (*S*)-(+)-6,6'-Bis(3,5-dinitrobenzamidomethyl)-biphenyl-2,2'-dicarboxylic Acids as Chiral HPLC Selectors**

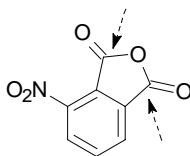
Milos Tichy, Ludek Ridvan  
and Jiri Zavada



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62, 69–82 (1997)

**NMR and AM1 Quantum Chemical Study of the Regioselectivity of the Reaction of 2-Hydroxyethyl Methacrylate with 3-Nitrophthalic Anhydride**

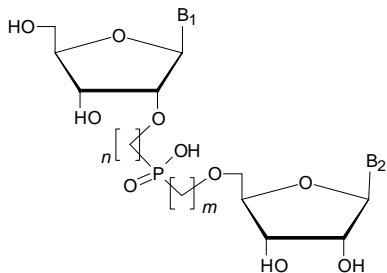
Jaroslav Kriz, Jiri Dybal  
and Zdenka Sedlakova



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62, 83–98 (1997)

**Conformational Studies on Diribonucleoside Monophosphate Analogs Containing a Nonisosteric, Isopolar, Phosphonate-Based Internucleotide Linkage**

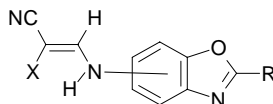
Jaroslav Zajicek, Ivan Rosenberg, Radek Liboska,  
Zdenek Tocik, G. Victor Fazakerley,  
Wilhelm Guschlbauer and Antonin Holy



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62, 99–108 (1997)

**Gould–Jacobs Reaction of 5- and 6-Amino-2-substituted benzoxazoles. III. Reaction with 3-Ethoxy-2-cyanopropionitrile and Ethyl 3-Ethoxy-2-cyanopropionate**

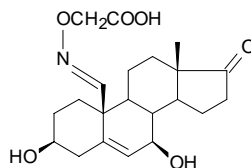
Katarina Heleyova and †Dusan Ilavsky



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62, 109–123 (1997)

**Synthesis of (19*E*)-3 $\beta$ ,7 $\beta$ -Dihydroxy-17-oxo-androst-5-en-19-yl 19-(*O*-Carboxymethyl)oxime, New Hapten for 7 $\beta$ -Hydroxydehydroepiandrosterone (3 $\beta$ ,7 $\beta$ -Dihydroxyandrost-5-en-17-one)**

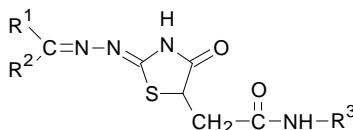
Vladimir Pouzar, Tereza Slavikova  
and Ivan Cerny



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62, 124–129 (1997)

**Synthesis of New 2-Hydrazono-4-oxo-5-thiazolidineacetic Acids and Their Alkylamides**

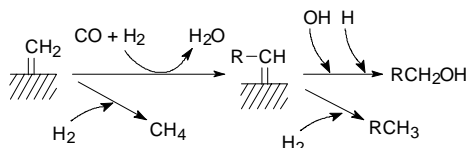
Ivica Sigmundova and Maria Meciariova



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62, 130–135 (1997)

**Role of Water in Synthesis of Higher Alcohols from Co and H<sub>2</sub> Over MoS<sub>2</sub>**

Atanas Andreev, Lubomir S. Mintchev  
and Margarita V. Gabrovska



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62, 136–146 (1997)

**Synthesis of Acyclic Nucleotide Analogues Derived from 6-Hetarylpurines via Cross-coupling Reactions 9-[2-(Diethoxyphosphonylmethoxy)ethyl]-6-iodopurine with Hetaryl Organometallic Reagents**

Michal Hocek, Milena Masojidkova  
and Antonin Holy

