

Collect. Czech. Chem. Commun.
1998, 63, 899–954

**Syntheses of Insect Sex Pheromones.
A Review of the Literature 1990–1998**

Bohumir Koutek, Ludvik Streinz
and Miroslav Romanuk

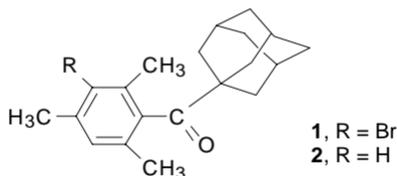


A review structured according to types
of the compounds with 201 references.

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1998, 63, 955–966

**Determination of the Accurate Values of the Rate
Constant and Thermodynamic Parameters for the
Rotation About the C(sp²)-C(Aryl) Bond;
Adamantan-1-yl 3-Bromo-2,4,6-trimethylphenyl Ketone**

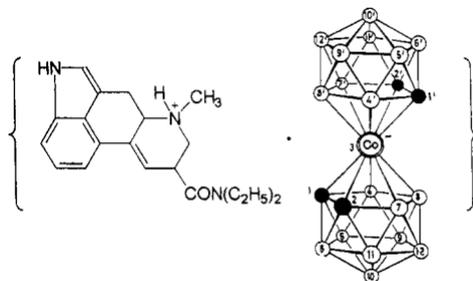
Eva Pribylova and Miroslav Holik



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1998, 63, 967–976

**Extraction of Selected Organic Bases
from Water into Chloroform by Means
of the Cobaltacarborane Anion**

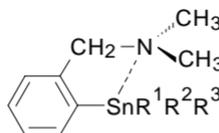
Oldrich Navratil, Zdenek Skalican,
Zbynek Koblíha and Emil Halamek



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1998, 63, 977–989

**¹¹⁹Sn, ¹⁵N, ¹³C, and ¹H NMR Study of the
Intramolecular Sn–N Donor–Acceptor
Interaction in [2-(Dimethylaminomethyl)-
phenyl]stannanes**

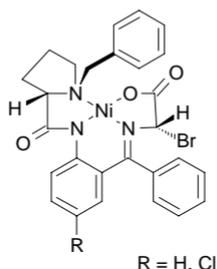
Ales Ruzicka, Vladimir Pejchal, Jaroslav Holecck,
Antonin Lycka and Klaus Jacob



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1998, 63, 990–994

NMR Study of the Structures of Ni(II) Complexes of Schiff Bases of 2-Bromoglycine with (S)-2-[(N-Benzylpropyl)amino]benzophenone or (S)-2-[(N-Benzylpropyl)amino]-5-chlorobenzophenone

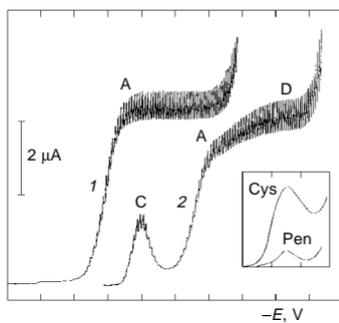
Alexander Popkov, Josef Jirman, Milan Nadvornik and Petr A. Manorik



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1998, 63, 995–1006

Electrochemical Investigations of the Nickel(II)–Penicillamine System. 2. Direct Identification of Complex Species Involved in Catalytic Nickel Reduction on the Dropping Mercury Electrode

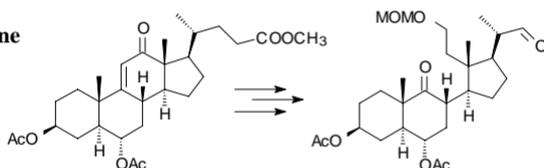
Florinel G. Banica and Ana Ion



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1998, 63, 1007–1011

Progress in Partial Synthesis of a Marine Secosterol from *Gersemia fruticosa*: Preparation of the Steroidal Core Unit

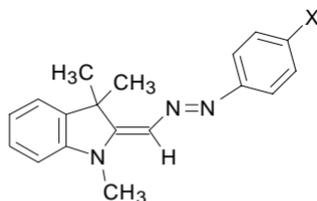
Alexander Kuhl and Wolfgang Kreiser



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1998, 63, 1012–1020

^{15}N , ^{13}C , and ^1H NMR Spectra of Azo and Hydrazo Compounds Derived from 1,3,3-Trimethyl-2-methylidene-2,3-dihydroindole (Fischer Base)

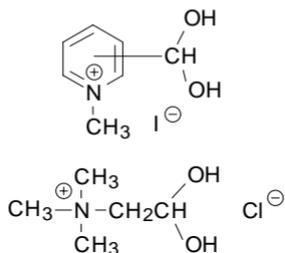
Antonin Lycka, Josef Jirman and Alois Kolonicny



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1998, 63, 1021–1030

**Hydrates of Quaternary Ammonium Aldehydes
as Potential Reactivators of Sarin-Inhibited
Acetylcholinesterase**

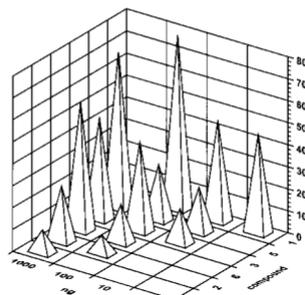
Jiri Cabal, Frantisek Hampl, Frantisek Liska,
Jiri Patočka, Frantisek Riedl and Katerina Sevcikova



Collect. Czech. Chem. Commun.
1998, 63, 1031–1044

**New Potential Inhibitors of Pheromonal Attraction
in the Oriental Fruit Moth, *Cydia molesta***

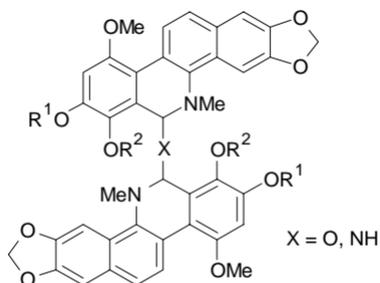
Michal Hoskovec, Oldrich Hovorka, Blanka Kalinova,
Bohumir Koutek, Ales Svatos, David Saman,
Kamil Vlcek and Jan Vrkoc



Collect. Czech. Chem. Commun.
1998, 63, 1045–1055

**Structural Studies of Chelirubine
and Chelilutine Free Bases**

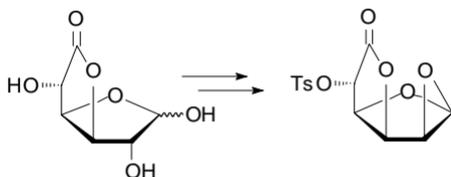
Jiri Dostal, Jiri Slavik, Milan Potacek, Radek Marek,
Otakar Humpa, Vladimir Sklenar, Jaromir Tousek,
Edmond de Hoffmann and Raoul Rozenberg



Collect. Czech. Chem. Commun.
1998, 63, 1056–1059

Facile Synthesis of 1,2-Anhydro-5-O-tosyl- β -D-mannofuranurono-6,3-lactone

Nada Vukojevic, Tatjana Dramicanin,
Biljana Peric, Mirjana Popsavin,
Janos Csanadi and Dusan Miljkovic



Collect. Czech. Chem. Commun.
1998, 63, 1060–1073

Aminophospholipid Glycation Causes Lipid Bilayer Structure Alterations and Inhibition of Membrane-Bound Na⁺,K⁺-ATPase

Tomas Obsil, Evzen Amler and Zdenek Pavlicek

- Aminophospholipid Glycation
- Alterations of Lipid Bilayer Structure
- Inhibition of Na⁺,K⁺-ATPase

Collect. Czech. Chem. Commun.
1998, 63, 1074–1088

Modelling of the Deactivation of Polymer-Supported Palladium Catalysts in the Hydrogenation of 4-Nitrotoluene

Milan Kralik, Roman Fisera, Marco Zecca,
Angelo A. D'Archivio, Luciano Galantini,
Karel Jerabek and Benedetto Corain

