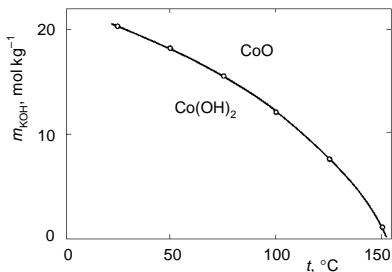


Collect. Czech. Chem. Commun.
62, 1663–1676 (1997)

**Diagrams E_r - m_{KOH} for Cobalt at 25–125 °C
and at Total Pressure of 1–30 Bar**

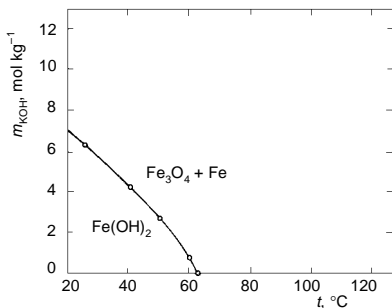
Jan Balej and Jiri Divisek



Collect. Czech. Chem. Commun.
62, 1677–1689 (1997)

**Diagrams E_r - m_{KOH} for Iron at 25–125 °C
and at Total Pressure of 1–30 Bar**

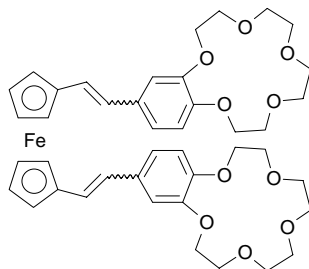
Jan Balej and Jiri Divisek



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62, 1690–1697 (1997)

**Determination of the Charge Transfer Parameters
of 4,4'-(Ferrocene-1,1'-diyldivinylene)bis-
(benzo-15-crown-5) at Glassy Carbon Electrode**

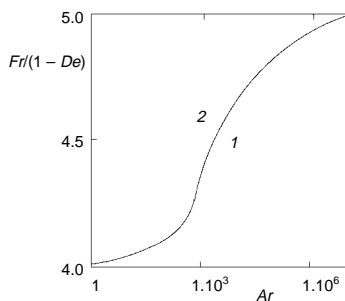
Mohamed El-Metwally Ghoneim,
Youssef Ibrahim Moharram
and Norman Taylor



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62, 1698–1709 (1997)

**On the Transition from Homogeneous
to Bubbling Fluidization**

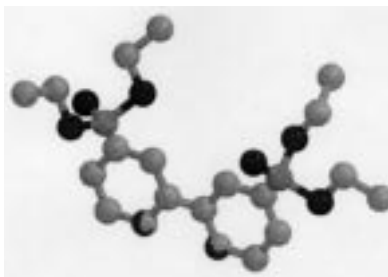
Miloslav Hartman, Zdenek Beran,
Vaclav Vesely and Karel Svoboda



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62, 1710–1720 (1997)

**Complexes of Mercury(II) with Tetraethyl
2,2'-Bipyridyl-4,4'-diphosphonate**

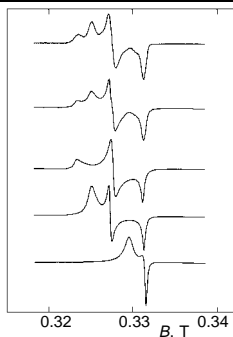
Pavel Vojtisek, Jan Rohovec
and Ivan Lukes



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62, 1721–1729 (1997)

**Computer Simulation of Electron Spin
Resonance Spectra of Ge₂₅S₇₅ and Ge₃₀S₇₀
Bulk Glasses**

Zdenek Cernosek, Marek Liska, Peter Pelikan,
Eva Cernoskova, Marian Valko
and Miloslav Frumar



Collect. Czech. Chem. Commun.
62, 1730–1736 (1997)

**Donnan Equilibria in Polymeric Micellar Systems
with Weak Polyelectrolyte Shells: The Lowering
of the pH Value**

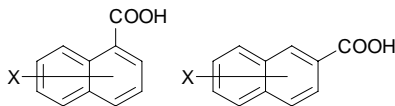
Petr Munk, Zdenek Tuzar and Karel Prochazka

$$\Delta\text{pH} = \log_{10}(K_A/[\text{H}^+]) - \log_{10}(K_A/[\text{H}^+]_0)$$

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62, 1737–1746 (1997)

**Acid-Base Properties of Substituted Naphthoic
Acids in Nonaqueous Media**

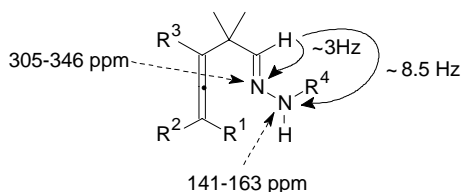
Patrik Parik and Miroslav Ludwig



Collect. Czech. Chem. Commun.
62, 1747–1753 (1997)

Gradient-Enhanced Inverse-Detected NMR Techniques for Determination of ^1H - ^{15}N Coupling Constants in 2,2-Dimethylpenta-3,4-dienal Derivatives

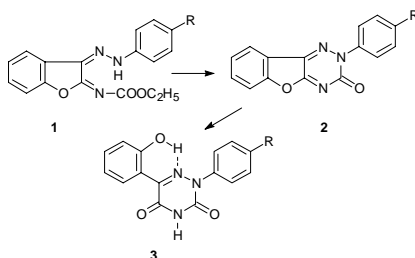
Radek Marek



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62, 1754–1762 (1997)

Synthesis of 2-Aryl[1]benzofuro[2,3-*e*][1,2,4]-triazin-3(2*H*)-ones and Their Use for Preparation of 1-Aryl-5-(2-hydroxyphenyl)-6-azauracils

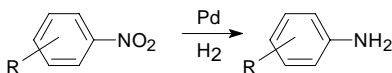
Jakub Styskala, Jan Slouka, Miloslav Hejsek and Vojtech Bekarek



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62, 1763–1775 (1997)

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

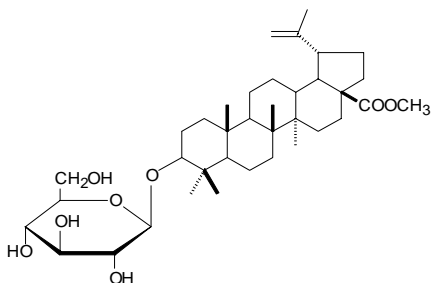
Roman Fiser, Milan Kralik, Julius Annus, Vierošlav Kratyk, Marco Zecca and Milan Hronec



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62, 1776–1798 (1997)

Glycosylation of Triterpene Alcohols and Acids of the Lupane and A-Scolupane Series

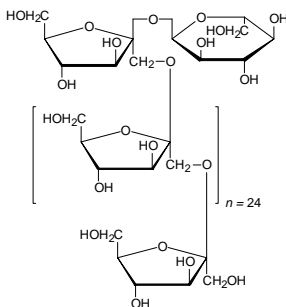
Eva Klinotova, Vaclav Krecek, Jiri Klinot, Magdalena Endova, Jana Eisenreichova, Milos Budesinsky and Martin Sticha



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62, 1799–1803 (1997)

**A Fructofuranan from the Roots of
Rudbeckia fulgida, var. *sullivantii*
(BOYNTON et BEADLE)**

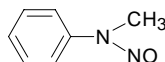
Alzbeta Kardosova and Maria Matulova



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62, 1804–1814 (1997)

**Peroxidases from Tulip Bulbs (*Tulipa fosteriana*, L.)
Oxidize Xenobiotics *N*-Nitrosodimethylamine
and *N*-Nitroso-*N*-methylaniline *in vitro***

Marie Stiborova and Hana Hansikova



Collect. Czech. Chem. Commun.
62, 1815–1820 (1997)

**Glycation of Human Serum Albumin by
DL-Glyceraldehyde: A Fluorescence
Quenching Study**

Miroslav Stepanek and Zdenek Pavlicek

