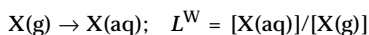


Collect. Czech. Chem. Commun.
1999, 64, 1727–1747

**Computational Parameters in
Correlation Analysis: Gas–Water
Distribution Coefficient**

George R. Famini, Dalia Benyamin,
Christina Kim, Rattiporn Veerawat
and Leland Y. Wilson

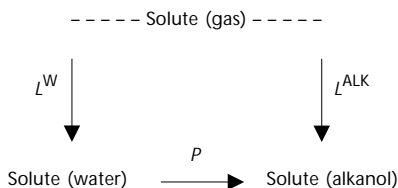


$$\log L^W = -0.766 V_{mc2} + 29.02 \pi_{12} + 36.17 \varepsilon_{B2} + 9.370 q_{-2} + 12.39 q_{+2} - 8.706$$

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1999, 64, 1748–1760

**The Solvation Properties of the
Aliphatic Alcohols**

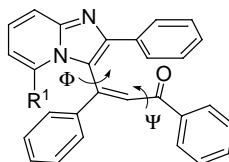
Michael H. Abraham, Joelle Le
and William E. Acree, Jr.



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1999, 64, 1761–1769

**Sterically Crowded Heterocycles. XI.
A Semiempirical Prediction of
Enantiomerization Barriers for
Substituted (*Z*)-3-(Imidazo[1,2-*a*]pyridin-
3-yl)-1-phenylprop-2-en-1-ones**

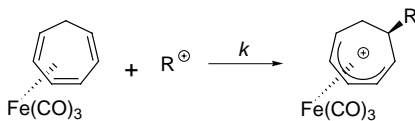
Stanislav Böhm, Radek Pohl
and Josef Kuthan



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1999, 64, 1770–1779

**Determination of the Nucleophilicity
of Tricarbonyliron Coordinated
Cyclohepta-1,3,5-triene**

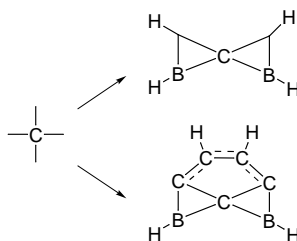
Herbert Mayr and Karl-Heinz Müller



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1999, 64, 1780–1789

**Planar Tetracoordinate Carbon
in Organoboron Compounds:
ab initio Computational Study**

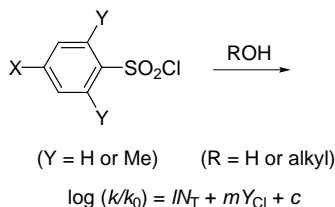
Tatyana N. Gribanova,
Ruslan M. Minyaev and
Vladimir I. Minkin



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1999, 64, 1790–1796

**Application of the N_T Solvent Nucleophilicity
Scale to Attack at Sulfur: Solvolyses
of Benzenesulfonyl Chlorides**

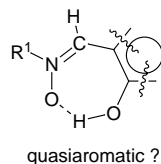
Dennis N. Kevill and Malcolm J. D'Souza



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1999, 64, 1797–1806

**Crystal and Molecular Structure of *N*-(3,5-Dichloro-
2-hydroxybenzylidene)- and *N*-(2-Hydroxy-3-methoxy-
benzylidene)aniline Oxides. Delocalisation in the Spacer
of the Intramolecular H-Bond and the Problem
of Quasi-Aromaticity**

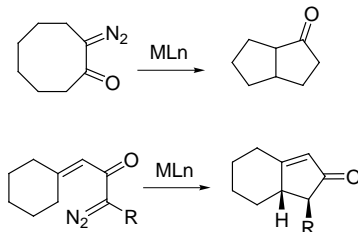
Tadeusz M. Krygowski, Beata Stępień, Romana Anulewicz-Ostrowska,
Michał K. Cyrański, Sławomir J. Grabowski, Zbigniew Rozwadowski
and Teresa Dziembowska



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1999, 64, 1807–1826

**Rhodium(II)- and Copper(I)-Catalyzed
Intramolecular Carbon–Hydrogen Bond
Insertions with Metal Carbenoids
Derived from Diazo Ketones**

Paul Müller and Esther Maitrejean

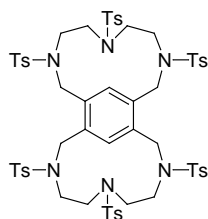


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1999, 64, 1827–1832

Regioselective Double Cyclisation of 1,2,4,5-Tetrakis-(bromomethyl)benzene with Tosylated Diethylene-triamine. Towards Conformationally Biased Bis-(perazacrown) Receptors

Jana Hodačová, Jiří Závada and Peter C. Junk

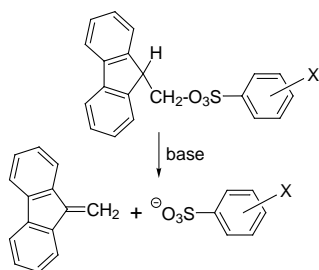


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1999, 64, 1833–1848

Elimination of Substituted Fluoren-9-ylmethyl Benzenesulfonates: Hammett Substituent Effects at a Mechanistic Borderline

Finbar G. Larkin, Rory A. More O'Ferrall and Donal G. Murphy



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1999, 64, 1849–1876

The Nature and Transmission of Substituent Electrical Effects in Alicyclic Solvolysis

Marvin Charton

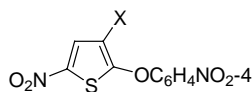


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1999, 64, 1877–1892

Kinetic Study of the Reactions of Some 5-Nitro-2-(4-nitrophenoxy)-3-X-thiophenes with Aniline and 4-Methoxyaniline in Methanol

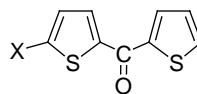
Vincenzo Frenna, Gabriella Macaluso, Giovanni Consiglio, Susanna Guernelli and Domenico Spinelli

X = H, CONH₂, CO₂Me, COMe, SO₂Me, CN, NO₂

Collect. Czech. Chem. Commun.

1999, 64, 1893–1901

Protonation of Some 5-Substituted Di(2-thienyl) Ketones in Sulfuric Acid. A Comparison with Other 2-Thienyl and Phenyl Ketones

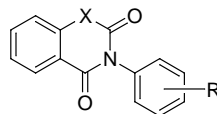


Renato Noto, Michelangelo Gruttadauria,
Paolo Lo Meo and Domenico Spinelli

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1999, 64, 1902–1924

Relationships Between the Chemical Structure of Substances and Their Antimycobacterial Activity Against Atypical Strains. Part 18. 3-Phenyl-2*H*-1,3-benzoxazine-2,4(3*H*)-diones and Isosteric 3-Phenylquinazoline-2,4(1*H*,3*H*)-diones



Karel Waisser, Miloš Macháček, Hynek Dostál, Jiří Gregor,
Lenka Kubicová, Věra Klimešová, Jiří Kuneš, Karel Palát, Jr.,
Jana Hladůvková, Jarmila Kaustová and Ute Möllmann

X = O, NH