

Journal of Chemical Research, Issue 7, 1989

Other papers in the subject areas covered by *J. Chem. Soc.* are published in synopsis/microform format in *J. Chem. Research*. For the benefit of readers of *J. Chem. Soc.*, the contents list of *J. Chem. Research (S)*, Issue 7, is reproduced below.

- 189 Synthesis of New Pyrazole-derived Chelating Ligands
(M 1601) **Peter J. Steel** and **Edwin C. Constable**
- 190 Tris(2-Benzothienyl)(methoxy)methane: a Trisheteroarylmethane with a Molecular Propeller Conformation in the Solid State
(M 1401) **Carmen Avendaño**, **Carmen de Diego**, **Jose Elguero**, **Feliciana Florencio**, and **Juliana Sanz-Aparicio**
- 192 Two Products of Oxidative Degradation of Diplodiatoxin
(M 1430) **Maria Potgieter**, **Pieter S. Steyn**, and **Petrus H. van Rooyen**
- 194 Alkali Metal Salts of Cyanamide: Synthesis and Characterization of Na(HNCN), Na₄H₂(NCN)₃, and Na₂(NCN) **Alexander Harper** and **Peter Hubberstey**
- 196 Thienopyridines. Part 9. Synthesis and Chemistry of Some Thieno[3,4-*b*]pyridines **John M. Barker**, **Patrick R. Huddleston**, **David J. Heath**, **Eric Jackson**, and (in part) **David Holmes**
- 198 Vicinal C,H Spin Coupling Constants in Determining the Stereochemistry of α -Substituted $\alpha\beta$ -Unsaturated Ketones **Roy M. Letcher** and **Kai-Wing Ng**
- 200 Direct Regio- and Stereo-selective Lithiation of Secondary Allyl and Methylallyl Amines: a New Type of γ -Aminated Organolithium Reagent in Organic Synthesis **José Barluenga**, **Francisco Foubelo**, **Francisco J. Fañanás**, and **Miguel Yus**
- 202 Quinoxaline Chemistry. Part 3. Selectivity in Quinoxaline Formation from *o*-Phenylenediamines and Phenylglyoxal **Mario Loriga**, **Antonio Nuvole**, and **Giuseppe Paglietti**
- 204 Photochemical Rearrangement of 3-Allylindoline-2-thiones to 2-Allylthioindoles
(M 1567) **Takehiko Nishio**
- 206 Synthesis of a 2-Aryl-imidazo[1,2-*d*][1,2,4]triazine Derivative **Paul Barraclough**, **David Collard**, **Steven Smith**, **Susan J. Vine**, and **Clifford J. Wharton**
- 208 Carotenoids and Related Compounds. Part 43. Synthesis of Substituted α -Ionones and of Diastereoisomers of Decaprenoxanthin
(M 1612) **Akash K. Chopra**, **Bhupinder P. S. Khambay**, **Hugo Madden**, **Gerard P. Moss**, and **Basil C. L. Weedon**
- 210 The Chemoselective Addition of Alkynyl-lithium/Boron Trifluoride-Diethyl Ether Reagents to 2,3-*endo*-epoxy-6-oxabicyclo[3.3.0]octan-7-ol: A Short Route to PGF_{2 α} Derivatives **Margus Lopp**, **Anne Paju**, **Tõnis Pehk**, and **Uro Lille**
- 212 Synthesis of Multifunctional Hydroxymethylcyclohexanes and their Conversion into 3-Oxa- and 3-Aza-bicyclo[3.3.1]nonane Derivatives **Janja Makarević** and **Vinko Škarčić**
- 214 Manganese-Salicylidene-Amino Acid Complexes as Catalysts for Alkene Epoxidation **Karl Anker Jørgensen**, **Birgit Schjøtt**, and **Erik Larsen**
- 216 An Electron Spin Resonance Study of the 1,2,3-Triphenylcyclopropene Radical Cation
(—) **Christopher J. Rhodes**
- 218 Radical Cations from *N*-Tosylaziridine and *N*-Tosylazetidone
(—) **Christopher J. Rhodes**
- 220 Preparation of Heterocyclic Derivatives of Long-chain Fatty Acids **Jamal Mustafa**, **Mohammad S. Ahmad, Jr.**, and **Sheikh M. Osman**
- 222 Preparation of 8-(*N*-Substituted-5-hexylpyrrol-2-yl)octanoic Acids **Mohammad Tariq Saeed**, **Abdul Rauf**, and **Sheikh M. Osman**
- 224 Applications of Phase Transfer Catalysis. Part 47. Relative Stabilities and Performances of Various Phase Transfer Catalysts
(—) **Eckehard V. Dehmlow** and **Volker Knufinke**
- 226 The Reductive Cyclization of Seco-ring- α Diterpenoids with Low-valent Titanium **Carole A. Davis**, **James R. Hanson**, and **Fernando G. Tellado**
- 228 Bischler-Napieralski Cyclisation with Triphenylphosphine-Carbon Tetrachloride: One-Pot Synthesis of Dihydroisoquinolines and β -Carbolines **Anup Bhattacharjya**, **Partha Chattopadhyay**, **Moonmoon Bhaumik**, and **Satyesh C. Pakrashi**
- 230 Reaction of Bis(diphenyl)phosphinoethane with CoX₂(PPh₃)₂ (X=Cl and I) in Benzene Solution: a Spectrophotometric Study
(—) **Jean Rimbault**, **Jean-Claude Pierrard**, and **René P. Hugel**
- 232 The Influence of Kinetic Factors on the Products of the Decomposition of Thionitrites Derived from *N,N'*-Dialkylthioureas
(—) **Francisco Meijide** and **Geoffrey Stedman**
- 234 Synthesis and Some Reactions of Trineophyltin Hydride
(—) **Alicia B. Chopa**, **Adriana E. Zúñiga**, and **Julio C. Podestá**

N.B. The numbers in parentheses, prefaced by *M*, indicate the first frame occupied by the *full-text version* of the paper in *J. Chem. Research (M)*. Where no such number is given, the paper as published in *J. Chem. Research (S)* is complete in itself, and there is no extra material in Part *M*.

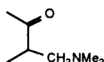
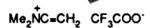
Lancaster Catalogue

8990

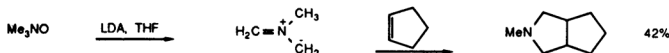


Completely revised
1152 pages
1000 new items

6500 literature references to some 2000 items
Illustrated by 1500 reaction flow-charts
Semi-bulk and bulk quantity indications
Extensive cross-referencing

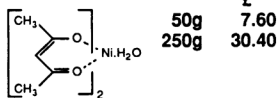


Deprotonation by lithium diisopropylamide at low temperature gives the unstable azomethine ylide, which undergoes 1,3-dipolar addition even with unactivated alkenes, to give pyrrolidines: *J.Chem.Soc., Chem. Commun.*, 31 (1983):

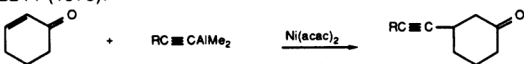


Compare also N-methylmorpholine-N-oxide, 5957, p.710.

7854 Nickel acetylacetonate hydrate
[Nickel(II)2,4-pentanedionate hydrate]
F.W. 274.94, m.p. ca 285°(dec), [3264-82-2]
HARMFUL / POSSIBLE CARCINOGEN
Please ask for bulk prices (5Kg to 100Kg+)
Catalyst for a variety of useful coupling reactions, including:
Conjugate addition of alkynylaluminium reagents to enones: *J.Am.Chem.Soc.*, 100, 2244 (1978):

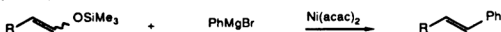


50g £ 7.60
250g 30.40



Conjugate addition of cis-alkenylzirconium reagents, from the hydrozirconation of alkynes, to Michael acceptors, with retention of configuration: *J.Am.Chem.Soc.*, 102, 1333 (1980).

Coupling of Grignard reagents to give biaryls: *J.Org.Chem.*, 41, 2252 (1976).
Coupling of Grignard reagents with silyl enol ethers of both aldehydes and ketones, to give alkenes. In contrast to dichlorobis(triphenylphosphine)nickel, 0369, p.335, this reagent gives the thermodynamically more stable alkene: *Tetrahedron Lett.*, 3915 (1980):



Out Now!

UNITED KINGDOM

Lancaster Synthesis Ltd.
Eastgate, White Lund
Morecambe, Lancs. LA3 3DY
Linkline: 0800-262336
Telephone: 0524-36101
FAX: 0524-39727
Telex: 65151 (LNCSYN G)

U.S.A. AND CANADA

Lancaster Synthesis Ltd.
P.O. Box 1000
Windham
New Hampshire 03087
Toll-free lines: 800-238-2324
Telephone: 603-889-3306
FAX: 603-889-3326

FRANCE

Lancaster Synthesis Ltd.
17 rue Vauban Zone Industrielle
F-67450 Mundolsheim
Strasbourg, France
Telephone: 88-81-96-00
FAX: 88-20-27-19
Telex: 870551 (LNCSTRM F)

GERMANY

Lancaster Synthesis GmbH
Querstraße 2
7640 Kehl, Germany
Telephone: 07851-75176

JAPAN

Hydrus Chemical Inc.
Tomitaka Bldg. 8-1
Uchikanda 2-chome
Chiyoda-ku,
Tokyo 101, Japan
Telephone: (03) 258-5031
FAX: (03) 258-6535
Telex: 2324032 (Hydrus J)

ITALY

Farmitalia Carlo Erba S.p.A.
Ufficio Vendite
Via Imbonati 24
20159 Milano, Italy
Telephone: 02-6995/2061-2081



Send Now!

Make sure you have your personal copy