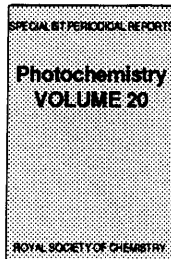


Journal of Chemical Research, Issue 3, 1990

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 3, is reproduced below.

- 73 Synthesis of Alkyl 2,4-Diaryl-5-cyano-2-hydroxy-6-methyl-1,2,3,4-tetrahydropyridine-3-carboxylates and 3-Acetyl-2,4-diaryl-6-methyl-1,2,3,4-tetrahydropyridine-3,5-dicarbonitriles **Conor N. O'Callaghan** and **T. Brian H. McMurry**
(M 0601)
- 74 Electrochemical Reduction of Halogenoketones. Part 2. Behaviour of Cyclic 2-Bromo- and 2-Chloro-ketones **Italo Carelli**, **Antonella Curulli**, **Achille Inesi**, and **Errico Zeuli**
(M 0620)
- 76 Synthesis and Characterization of Chiral Thioethers and Mercury(II) Halide Complexes. Part 3. Conformational Energy Calculation and NMR and CD Spectra of the Chiral Isothiochroman (*R*)-(-)-4-Ethyl-3,4-dihydro-1*H*-2-benzothiine **Paolo Biscarini**, **Alessandro Bongini**, and **Daniele Casarini**
(M 0645)
- 78 The Chemistry of Heteroallyl Derivatives of Technetium. Reactivity of Technetium(I) Carbonyl Complexes with Monothio- and Dithio-carbamate, Xanthate, and Oxazetidine Ligands. Crystal Structure of the Complex [Tc(CO)₂(PPh₃)₂{S⁻-C(NHPh)⁻S}] **Roberto Rossi**, **Andrea Marchi**, **Luciano Magon**, **Umberto Casellato**, and **Rodolfo Graziani**
(M 0674)
- 80 Isolation and Characterization of a *C*-Galactopyranosylflavone from *Semecarpus kurzii* **Neeru Jain**, **Mohammad Sarwar Alam**, **Mohammad Kamil**, **Mohammad Ilyas**, and **Munekazu Iinuma**
(—)
- 82 Synthesis and Properties of a New Polymetallated Iron Porphyrin
(—) **Henrique E. Toma** and **Koiti Araki**
- 84 Synthesis of Anhydrides from Acyl Chlorides under Solid-Liquid Phase-transfer Catalysis **Jin-Xian Wang (Chin-Hsien Wang)**, **Yu-Lai Hu**, and **Wen-Feng Cui**
(—)
- 86 Kinetic Study of Oxidation of Aliphatic Aldehydes by Pyridinium Fluorochromate **Anupma Agarwal**, **Kakuli Chowdhury**, and **Kalyan K. Banerji**
(—)
- 88 Synthesis of the Imidazo[4,5-*b*]azepine Ring System
(—) **Donald Macleod** and **George R. Proctor**
- 90 Kinetic and Equilibrium Studies of the Basicity of Proton Sponges towards Alcohols in Non-aqueous Solvents **Frank Hibbert** and **Sian Phillips**
(—)
- 92 The Photolysis of Matrix-isolated Cyclic Iodides
(—) **Hrvoj Vančik**, **Vesna Gabelica**, **Velimir Rogan**, and **Dionis E. Sunko**
- 94 Microbial Transformation of an *ent*-13-*epi*-Manoyl Oxide by *Curvularia lunata*: a Possible Route to the Synthesis of *ent*-Forskolin Analogues **Andrés García-Granados**, **Antonio Martínez**, **M. Belinda Jiménez**, **M. Esther Onorato**, **Francisco Rivas**, and **Jose M. Arias**
(—)
- 96 Chromium(VI)-catalysed Oxidation of *para*-Substituted Phenols by *t*-Butyl Hydroperoxide
(—) **Jacques Muzart**
- 98 Cyclic Allylamine-Enamine Systems. Part 9. Further Isomerisations using Tris(triphenylphosphine)rhodium(I) Chloride and their Synthetic Utility **Marisa Salas** and **John A. Joule**
(M 0644)

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*.



Photochemistry VOLUME 20

Senior Reporters: D. Bryce-Smith and A. Gilbert, *University of Reading*
Specialist Periodical Reports

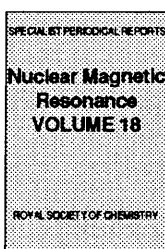
Description and Contents:

Photochemistry Vol. 20 provides a review of the Literature published between July 1987 and June 1988.

Brief Contents:

Part I Physical Aspects of Photochemistry; Part II Photochemistry of Inorganic and Organometallic Compounds; The Photochemistry of Transition-metal Complexes; The Photochemistry of Transition-metal Organometallic Compounds; The Photochemistry of Compounds of the Main Group Elements; Part III Organic Aspects of Photochemistry; Photolysis of Carbonyl Compounds; Enone Cycloadditions and Rearrangements; Photoreactions of Dienones and Quinones; Photochemistry of Alkenes, Alkynes, and Related Compounds; Photochemistry of Aromatic Compounds; Photoreduction and -oxidation; Photoreactions of Compounds containing Heteroatoms other than Oxygen; Photoelimination; Part IV Polymer Photochemistry.

ISBN 0 85186 185 7 July 1989 Hardcover, 540 pages Price £120.00 (\$240.00)



NUCLEAR MAGNETIC RESONANCE VOLUME 18

Senior Reporter: G.A. Webb, *University of Surrey*
Specialist Periodical Reports

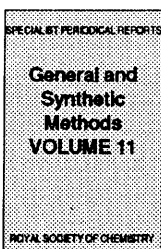
Description and Contents

Nuclear Magnetic Resonance Vol. 18 reviews the literature published between June 1987 and May 1988.

Brief Contents:

Theoretical and Physical Aspects of Nuclear Shielding; Applications of Nuclear Shielding; Theoretical Aspects of Spin-Spin Couplings; Applications of Spin-Spin Couplings; Nuclear Spin Relaxation in Liquids and Gases; Solid State N.M.R.; Multiple Pulse N.M.R.; Natural Macromolecules; Synthetic Macromolecules; Conformational Analysis; Nuclear Magnetic Resonance of Living Systems; N.M.R. of Paramagnetic Species; N.M.R. of Liquid Crystal and Micellar Solutions; Author Index.

ISBN 0 85186 412 0 April 1989 Hardcover, 532 pages Price £110.00 (\$232.00)



GENERAL AND SYNTHETIC METHODS VOLUME 11

Senior Reporter: G. Pattenden, *University of Nottingham*
Specialist Periodical Reports

Description and Contents:

General and Synthetic Methods Vol. 11 provides a review of the Literature published in 1986.

Brief Contents:

Saturated and Unsaturated Hydrocarbons; Aldehydes and Ketones; Carboxylic Acids and Derivatives; Alcohols, Halogeno Compounds, and Ethers; Amines, Nitriles, and other Nitrogen-containing Functional Groups; Organometallics in Synthesis; Saturated Carbocyclic Ring Synthesis; Saturated Heterocyclic Ring Synthesis; Highlights in Total Synthesis of Natural Products; Author Index.

ISBN 0 85186 924 6 Oct 1989 Hardcover, 700 pages Price £130.00 (\$260.00)

For further information,

please write to:
Royal Society of Chemistry,
Sales and Promotion department,
Thomas Graham House,
Science Park,
Milton Road,
Cambridge CB4 4WF. U.K.

To Order, please write to:

Royal Society of Chemistry, Distribution
Centre, Blackhorse Road, Letchworth,
Herts SG6 1HN. U.K.
or telephone (0462) 672555 quoting
your credit card details.
We can now accept Access/Visa/
MasterCard/Eurocard.

RSC Members should order from:

The Membership Manager,
Royal Society of Chemistry,
Thomas Graham House,
Science Park, Milton Road,
Cambridge CB4 4WF. U.K.

