#### Journal of Chemical Research, Issue 1, 1991

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 1, is reproduced below.

- i Instructions for Authors
- 1 Free-radical Reaction of 2-Vinylcyclopropane-1,1-dicarboxylate with 3-Substituted Propenes Che-Ping Chuang and Tak Ho
  (M 0115) Johnny Ngoi
- 2 Synthesis of 1*H*-1,2,4-Benzotriazepines by Intramolecular Aza-Wittig Cyclocondensation of *N*-(2-Acylphenyl)-*C*-(triphenyl-(*M* 0171) phosphinimido)hydrazones **Luca Bruché, Luisa Garanti** and **Gaetano Zecchi**
- 3 Structure–Activity Relations. Part 7.¹ Substituted 6-Thioxanthines and 1-Phenylsulphonyl-3-alkylureas as Inhibitors of 3',5'-Cyclic (M 0201) Adenosine Monophosphate Phosphodiesterase Keith Bowden and Emanuel Efentakis
  - 4 Extended Oxygen-bridged Pyridines and Pyrimidines
- (M 0101) Jan Světlík, Vladimír Hanuš and Juraj Bella
- 6 Theoretical Studies on the Conformation of Saccharides. Part 15.1 AM1 Calculation of Relative Stabilities and Geometries of (M 0123) Conformers Igor Tvaroška and Jeremy P. Carver
- 8 Structural Study of Nitrovinylindoles: 1-Methyl-3-(2-methyl-2-nitrovinyl)-2-phenylindole and 1-Methyl-3-(2-nitrovinyl)-2-phenylindole and 1-Methyl-3-(2-ni
- 10 Reactivity of the Electrogenerated Superoxide Ion. Part 2.¹ Favorskii Rearrangements Italo Carelli, Antonella Curulli, Achille (M 0183) Inesi and Errico Zeuli
  - 12 Reaction of Acetone with Ethyl Mercaptoacetate
- (M 0214) John R. Scrowston and Richard M. Scrowston
- 14 Use of ι-Menthyl Cyanoacetate in the Synthesis of Chiral 3-Deoxy-5-thiopentopyranoses Branched at C-3 Francisco Santoyo (M 0240) González, Juan J. Giménez Martínez, Joaquín Isac García, Fidel J. Lòpez Aparicio, Rafael Robles Díaz, Manuel Rodríguez Gallego, Roberta Oberti and Luciano Ungaretti
- 16 Functionalization of Poly(3-methylthiophene) Film Electrodes: Doping of Iron-Thiolate Complexes Paul-Louis Fabre and Alain (M 0255) Dalger
- 18 Synthesis and Polymerisation Characteristics of Some Chiral Diacetylenes derived from ι-α-Amino Acids **Ellis C. Bolton**, (*M* 0269) **George H. W. Milburn** and **Gordon A. Thomson** 
  - 20 Synthesis of Polyfluoro-diphenylacetylenes containing Donor and Acceptor Substituents as Materials for Non-linear Optics
  - (—) Yadong Zhang and Jianxun Wen
  - 22 Photochemistry of  $\beta$ , $\gamma$ -Enones: 5,6-Dibenzoylbicyclo[2.2.2]oct-5-en-2-one
  - (-) Raghunath Singh and Saswati Lahiri
  - 24 Coupling of Diazonium Ions to Schiff's Bases
  - (--) Brian Fishwick, John Griffiths and Julian Hill
  - 26 Complexes of Rare Earth Elements with 4-Hydroxybenzoic Acid
- (M 0229) Wanda Brzyska and Alina Kula

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.

## Announcing a Major New Publication from Wiley

# PREPARATIVE BIOTRANSFORMATIONS

#### WHOLE CELL AND ISOLATED ENZYMES IN ORGANIC SYNTHESIS

#### **EDITOR**

Professor S. M. ROBERTS

#### **ASSOCIATE EDITOR**

Dr K. WIGGINS

#### **EDITORIAL OFFICE**

Department of Chemistry, University of Exeter, Stocker Road, Exeter, EX4 4QD, UK. Tel: 0392 263499

Fax: 0392 263431 Telex: 42894 EXUNIV

#### **EDITORIAL BOARD**

Dr P. B. BAKER, Laboratory of the Government Chemist, Teddington, UK.

Dr O. GHISALBA, Ciba-Geigy AG, Basel, Switzerland.

Dr S. E. GODTFREDSEN, Nove-Nordisk a/s, Bagsvaerd, Denmark.

Professor J. B. JONES, University of Toronto, Toronto, Canada.

Professor G. M. WHITESIDES, Harvard University, Massachusetts, USA.

Professor C.-H. WONG, Research Institute of Scripps Clinic, California, USA.



ohn Wiley & Sons Ltd are pleased to announce the launch of an essential laboratory manual. This loose-leaf publication covering all types of synthetic methods using enzymes will form a central reference source for those researching in the field in academia and industry.

### Preparative Biotransformations is a unique and valuable tool featuring ...

- Loose-leaf format with bi-annual updates
- Validated procedures with laboratory hints and tips
- Step-by-step applications for the expert and the inexperienced
- Contributions from an international editorial board

#### For you this means ...

- A continually updated reference source
- Rapid access to the latest research
- Comprehensive coverage in one easy to use volume
- The first publication to focus on such methods

PUBLICATION DATE: October 1992 ISBN: 471 92986 7

If you would like to contribute to Preparative Biotransformations please write to Dr K. Wiggins at the Editorial Office.

To receive further information on Preparative Biotransformations please write to Sue Stewart, John Wiley & Sons Ltd, Baffins Lane, Chichester, West Sussex PO19 1UD, UK.