

## Journal of Chemical Research, Issue 8, 1992

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 8, is reproduced below.

- 245 Amino, Aminophenoxy and Aminobenzoyl Derivatives of Durene **George G. Barclay, Jack P. Candlin, William Lawrie and Peter L. Pauson**  
(M 2169)
- 246 Effect of Substituents on the Protonation Constants of Some Bis(phenylpyrazolyl)methane Ligands **Shaker L. Stefan, Moustafa El-Behary, Atef A. Ramadan and Saad H. Mahmoud**  
(M 1951)
- 247 Regioselective Addition of Copper-Zinc Aryl Organometallic Reagents to 3-Substituted Pyridinium Salts **Min-Jen Shiao, Win-Long Chia, Tai-Li Shing and Tahsin J. Chow**  
(M 2101)
- 248 The Structures and Stereochemistry of the Diels-Alder Adducts from (*E*)-2-Styrylchromones. A Revision of the Xanthene Structures **Roy M. Letcher and Tai-Yuen Yue**  
(M 2078)
- 249 Physicochemical Properties of Butanediol-Water Systems. Part 2. Densimetric, Viscosimetric and Dielectric Investigations of Butane-1,2-diol-Water Mixtures and Conductivity of Sodium Iodide in the Mixed Solvent **Adam Bald, Adam Szejgis, Jadwiga Woźnicka and Małgorzata Józwiak**  
(M 2201)
- 250 Simple Peptides. Part 7. The Chemical Conversions of C-Terminal  $\alpha$ -Amino Acids in Peptides into Unsubstituted or 2-Substituted Taurines via *S*-Acetylthio- or Halogeno-Intermediates **Kunihiko Higashiura and Kazuharu Ienaga**  
(M 1901)
- 252 C-2 Epimerization of Aldoses promoted by Cobalt(II) *N*-Alkylated Diamine Complexes, involving a Stereospecific Rearrangement of the Carbon Skeleton **Tomoaki Tanase, Tomoyuki Takei, Masanobu Hidai and Shigenobu Yano**  
(M 1922)
- 254 Self Association of Substituted Benzoic Acids. Iopiestic Studies of Benzoic and *ortho*-Methylbenzoic Acids in Benzene **Ryszard Bareta and Halina Szatyłowicz**  
(M 1938)
- 256 Bridgehead-substituted Isoxazolizidines from the Reaction of Cyclohexane and Other Furazan *N*-Oxides with *N*-Substituted Maleimides. Azolium 1,3-Dipoles **Richard N. Butler, Desmond Cunningham, Elizabeth G. Marren, Patrick McArdle and Donal F. O'Shea**  
(M 2001)
- 258 A Clay-catalysed Synthesis of Mono- and Di-pyrrolylmethylindoles and Evidence for a 3,3-Di(pyrrolylmethyl)indole Intermediate **Laddawan Chunchatprasert, (the late) Anthony H. Jackson, K. R. Nagaraja Rao and Patrick V. R. Shannon**  
(M 1970)
- 260 Novel Approach to Pyrrolo[1,2-*a*]quinoline-1,5-diones **Hamad Z. Alkathlan**  
(M 1984)
- 262 Kinetic Studies of Alcohol-Isocyanate Reactions. Part 1. Addition of Cyclopentanol to 1,6-Diisocyanatohexane **Jean-Jacques Tondeur, Gilbert Vandendunghen and Marc Watelet**  
(M 2024)
- 264 Preparation and Hydrogenolysis of Fused Piperazines by Reaction of Diamine and Triamine Derivatives with Benzil. Application to the Synthesis of Terminal *N*-Monoprotected Triamines **Tadashi Okawara, Koichi Uchiyama, Yoshinari Okamoto, Tetsuo Yamasaki and Mitsuru Furukawa**  
(M 2035)
- 266 The Synthesis and Chemistry of Azolenines. Part 22. Alternative Pathways in the Reaction between 1-Chloroalkylidenemalononitriles and 2-Methyl-3-phenyl-2*H*-azirine **Sze-Ming Lee, Ting-Fong Lai and Michael P. Sammes**  
(M 2049)
- 268 Highly Selective Solvent Extraction of Lanthanoid Picrates with Dicyclohexanocrown Ethers **Kazuharu Nakagawa, Yoshihisa Inoue and Tadao Hakushi**  
(M 2122)
- 270 The Chemistry of *D*-Glucurono-6,3-lactone Diethyl Dithioacetal: Synthesis of 4,5-Dideoxy-*aldehydo*-*L*-*erythro*-hex-4-enono-6,3-lactone Diethyl Dithioacetal **D. Neville Jones, Ian L. Scott and William W. Wood**  
(M 2137)
- 272 Acidolysis of Pentafluorophenyl esters  
(—) **Michael S. Breslav, Udo Kaléjs, Svetlana Pupikina and Nikolay Doviborov**
- 274 Inner-sphere Reduction of Diperiodatocuprate(III) by Hypophosphite in Alkaline Medium **Kalyan Kali Sen Gupta and Jolly Mahapatra**  
(—)
- 276 Neutron-scattering Investigation of Host Molecular Motion in the Hexadecane-Urea Inclusion Compound **Kenneth D. M. Harris, Francois Guillaume, Sharon P. Smart, Claude Sourisseau and A. Jose Dianoux**  
(—)
- 278 Dinuclear Palladium(II) Complexes with Both Thiolato and Pyrazolato Bridging Ligands: Synthesis and Characterization **Vimal K. Jain and Shanmugaperumal Kannan**  
(—)
- 280 Copper(I)-assisted *N*-Arylation of Benzohydrazide with Non-activated Iodoarenes. A Simple Route to *N,N*-Diarylhydrazine Derivatives **Hitomi Suzuki and Akinori Yamamoto**  
(—)
- 282 Tautomerism of 5-Dicyanomethylene-9-diethylamino-5,7-dihydrobenzo[*a*]phenazine and its Photooxygenation to an Ester in Alcohol Solution **Yuji Kubo, Minoru Kuwana, Sumica Tsutsui and Katsuhira Yoshida**  
(—)
- 284 2-Diazomethylcarbonyl-2'-methoxy-1,1'-binaphthyl; Spirocyclisation and Wolff Rearrangement **Heinz Kropf and Ralf Reichwaldt**  
(—)
- 286 *N*- and *O*-Alkylations of 5-Fluoro-2-methylthiopyrimidin-4(3*H*)-one  
(—) **Sebastiao J. De Melo and Cuong Luu-Duc**
- 288 Transfer Chemical Potentials for the Sulfate and Tetracyano-2,2'-bipyridylferrate(III) Anions for Acetonitrile-Water Mixtures  
(—) **John Burgess, Duncan N. Drasdo and Bassem Shraydeh**
- 290 Substituent-directed Oxidative Cyclization of  $\gamma$ -Hydroxy Olefins to  $\gamma$ -Lactones with Hexavalent Chromium Reagents  
(M 2213) **Sundarababu Baskaran, Imadul Islam and Srinivasan Chandrasekaran**

*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*.

# MANUAL

## *Dexterity*

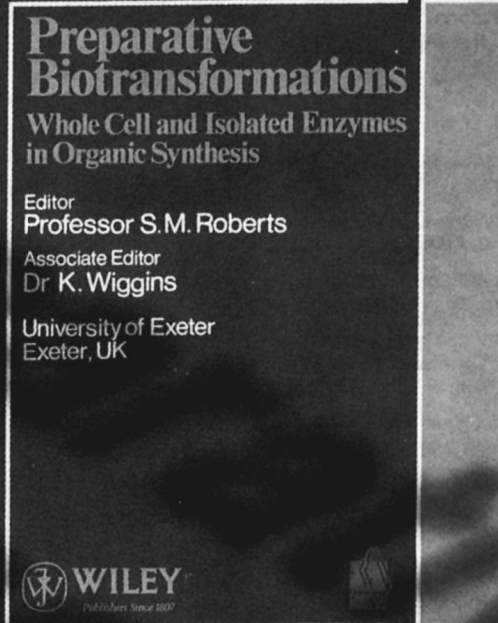
*Features:*

- Looseleaf format with regular 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 regularly updated reference source
- Rapid access to the latest research
- Comprehensive coverage in one easy to use volume
- Substantial savings on time and money

*Available Soon!*



Wiley Laboratory Publications  
*As soon as we know...you'll know!*



**WILEY**

*Publishers Since 1807*

*Send to either address:*

Looseleaf Dept.,  
John Wiley & Sons Ltd,  
Baffins Lane, Chichester,  
West Sussex PO19 1UD UK.  
Telephone: (44) 243 770111  
Fax: (44) 243 776128



Subscriptions Dept. C,  
John Wiley & Sons Inc.,  
605 Third Avenue,  
New York 10158, USA.  
Fax: 212 850 6088

ACT NOW to receive an information pack on **Preparative Biotransformations**

**F**

NAME (Please Print): \_\_\_\_\_

POSITION: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

\_\_\_\_\_

POST/ZIP CODE: \_\_\_\_\_

COUNTRY: \_\_\_\_\_ TELEPHONE: \_\_\_\_\_

Please tick here if you do not wish to receive mail from other companies