

NATURAL PRODUCT REPORTS

A JOURNAL OF CURRENT DEVELOPMENTS IN BIOORGANIC CHEMISTRY

Articles that will appear in forthcoming issues include:

Pyrrole, Pyrrolidine, Pyridine, Piperidine, and Azepine Alkaloids **A O Plunkett** (reviewing the literature published between July 1991 and June 1992)

Indolizidine and Quinolizidine Alkaloids **J P Michael** (reviewing the literature published between July 1992 and June 1993)

Pyrrolizidine Alkaloids **D J Robins** (reviewing the literature published between July 1992 and June 1993)

Phenylethanoid Glycosides in Plants: Structure and Biological Activity **C Jiménez and R Riguera**

Steroid Total Synthesis **F J Zeelan** (reviewing the literature published between 1986 and 1993)

Recent Eicosanoid Chemistry **D Clissold and C Thickitt**

Biosynthesis of Fatty Acid and Polyketide Metabolites **D O'Hagan** (reviewing the literature published between mid-1992 and mid-1993)

The Chemistry of Heterocyclic *o*-Quinone Cofactors **S Itoh and Y Ohshiro**

The Biosynthesis of Plant Alkaloids and Nitrogenous Microbial Metabolites **R B Herbert** (reviewing the literature published in 1992)

Modern Mass Spectrometry in Bioorganic Analysis **M A Baldwin**

Quinoline, Quinazoline, and Acridone Alkaloids **J P Michael** (reviewing the literature published between July 1992 and June 1993)

The Chemistry of Macrocyclic Bis(bibenzyls) **G M Keserű and M Nógradí**

Polyether Ionophores **C J Dutton, B J Banks, and C B Cooper**

The Biosynthesis of Shikimate Metabolites **P M Dewick** (reviewing the literature published during 1993)

Diterpenoids **J R Hanson** (reviewing the literature published during 1993)

Lignans, Neolignans, and Related Compounds **R S Ward** (reviewing the literature published in 1992 and 1993)

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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 9, is reproduced below.

- 335 Spiro Derivatives of Cyclic Betaines. Synthesis and Structure of Spiro Derivatives of Isoxazolium and Pyrazolium Olates **Gury Zvilichovsky, Vadim Gurvich and Shmuel Cohen**
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- 336 Surface and Catalytic Properties for Syngas Conversion to Methanol on Supported Rhodium—Molybdenum Catalysts **Patricio Reyes, Irene Concha, Gina Pecchi and José-Luis García Fierro**
(M 1822)
- 337 Vapour Pressures and Activity Coefficients for Binary Systems of Anisole with Dichloromethane, 1,2-Dichloroethane, Trichloroethene, Tetrachloroethene and Cyclohexane at 298.15 K **Jagan Nath, M. Tiwari and S. Kumar**
(M 1846)
- 338 Isomerization of 5-Vinyl-8,9,10-trinorborn-2-ene catalyzed by the *N,N'*-Ethylenebis(salicylideneiminato)cobalt(II)-Triethylaluminium System **Prakash B. Samnani, Pabitra Krishna Bhattacharya, S. Muthukumar Pillai and Sheo Satish**
(M 1868)
- 339 *Candida antarctica* Lipase-catalysed Monoaminolysis of Diesters with Amino Alcohols. Chemoenzymatic Synthesis of Macrocycles and Amino Diols **Margarita Quirós, Francisca Rebbolledo and Vicente Gotor**
(M 1917)
- 340 Synthetic and X-Ray Structural Studies of a New Amidophosphonic Acid **Nick Choi, Salvatore Failla, Paolo Finocchiaro, Mary McPartlin and Ian J. Scowen**
(M 1813)
- 342 Synthesis of 1-Arylazetid-2-ones using Calixarenes as Phase-transfer Catalysts **Stephen J. Harris, Audrey M. Kinahan, Mary J. Meegan and Rhona C. Prendergast**
(M 1832)
- 344 The Stereochemistry of a Cyclopropene—Vinylcarbene Rearrangement **Juma'a R. Al Dulayymi, Mark S. Baird, Leela Rajaram and William Clegg**
(M 1901)
- 346 Compounds with Bridgehead Nitrogen. Part 75. Synthesis and Stereochemistry of 2,3,4,4a,5,6-Hexahydro-1*H*-pyrazino[1,2-*a*]-quinolines **Christopher K. Bowles, Trevor A. Crabb and Asmita V. Patel**
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- 348 A Novel Flavone, Artonin V, from the Root Bark of *Artocarpus altilis*
(—) **Yoshio Hano, Ryohei Inami and Taro Nomura**
- 350 An Unexpected New Route to the 1,3,4,5-Thiatriazine Ring
(—) **Richard N. Butler and Donal F. O'Shea**
- 352 A Gaussian-2 *ab initio* Study of Isomeric CH₃O₂⁻ Anions and the Electron Affinities of CH₃O₂ Radicals **Yu-San Cheung and Wai-Kee Li**
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- 354 Ring Transformation Reactions. Part 3. Facile Synthesis of 2-Iminopyridines **Vishnu J. Ram, Syedt Mumtazuddin, Pragma, Navedul Haque, Falak A. Hussaini, Aboo Shoeb and Amiya P. Bhaduri**
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- 356 An Analysis of the Circular Dichroism Spectra of Bicyclo[3.3.1]nonanediones
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- 358 An Ionic Complex of VO²⁺ as a Catalyst for the Alcoholysis of Epoxides and Unsaturated Ketones **Alexander V. Nikitin, Svetlana N. Kholuiskaya and Valentin L. Rubailo**
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- 360 Unusual Carbon—Carbon Bond Fragmentation: Formation of Tetralones from 3-(Dienylacyloxy)cycloalk-2-en-1-ones
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- 362 *tert*-Butyl Pentafluorophenyl Carbonate: Formation and Use of a New Reagent for the Synthesis of Pentafluorophenyl Esters
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- 364 Thermodynamic Model Fitting of Differential Scanning Calorimetry Traces obtained for Aqueous Solutions of Oxyethylene—Oxypropylene ABA Block Copolymers **Jonathan K. Armstrong, Babur Z. Chowdhry, Anthony E. Beezer, John C. Mitchell and Stephen Leharne**
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- 366 Synthesis and Solvatochromism of Ferrocenylphenyl Arylideneimines
(M 1935) **Helmut Kersten and Peter Boldt**

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*.