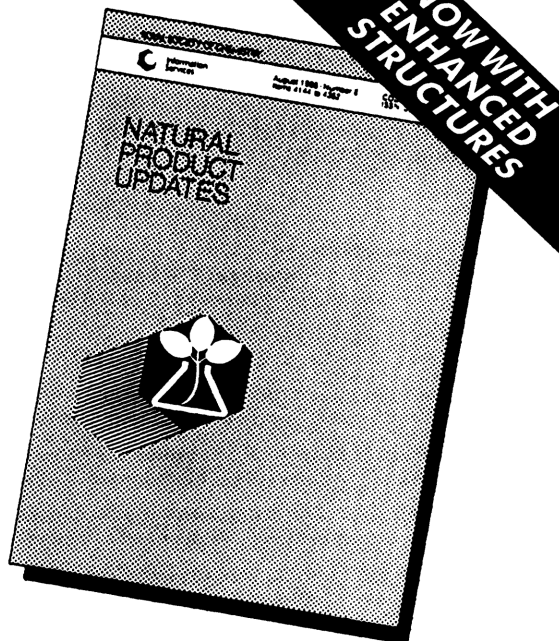


NATURAL PRODUCT UPDATES (NPU)

*Keep up-to-date on
developments in natural product
chemistry!*

Natural Product Updates (NPU) is an alerting service for chemists, biochemists, pharmacists, medical chemists, botanists and other scientists working in the natural products area. It covers topics such as isolation studies, new compounds and known compounds from new sources, structural determinations, new properties and activities, total and biosyntheses. In addition, information on books, reviews and conference proceedings is included. Each monthly issue contains approximately 200 items including structure diagrams, together with trivial and taxonomic names, molecular formulae, physical properties, spectral and biological activities. **NPU** also contains six indexes – author plus five subject indexes (source, taxonomic names, trivial names, biological activity and compound class).



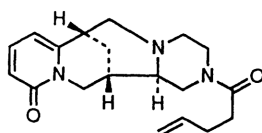
**NOW WITH
ENHANCED
STRUCTURES**

13136 Sophazrine, a novel quinolizidine alkaloid from *Sophora griffithii*
Atta-Ur-Rahman*, A. Pervin, M. I. Choudhary, N. Hasan, B. Sener

J. Nat. Prod., 1991, **54**(4), 929-935

X-ray crystallography of a related alkaloid anagyrene, from *Thermopsis turcica* (C₁₅H₂₀N₂O, monoclinic) confirms the structure.

Sophazrine
C₁₉H₂₅N₃O₂
amorphous solid
[α]_D²⁰ +213°



Sophazrine
C₁₉H₂₅N₃O₂
amorphous solid
[α]_D²⁰ +213°

ISSN 0950-1711 12 issues per annum

**Don't be without this invaluable
publication – write to us for further
details and receive a sample issue
free!**

**Annual Subscription
Jan–Dec 1993**

EC	USA	Rest of World
£205.00	\$450.00	£225.00

**Simply complete and return the slip
below.**

Please send me further information and a free sample issue of **NPU**

Name

Position

Organisation

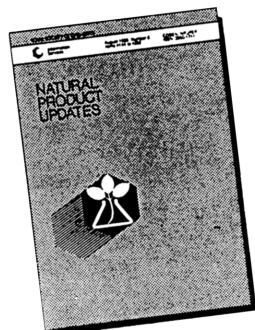
Address

.....

Please return to:

Sales and Promotion Department, Royal Society of Chemistry,
Thomas Graham House, Science Park, Milton Road,
Cambridge CB4 4WF, United Kingdom.

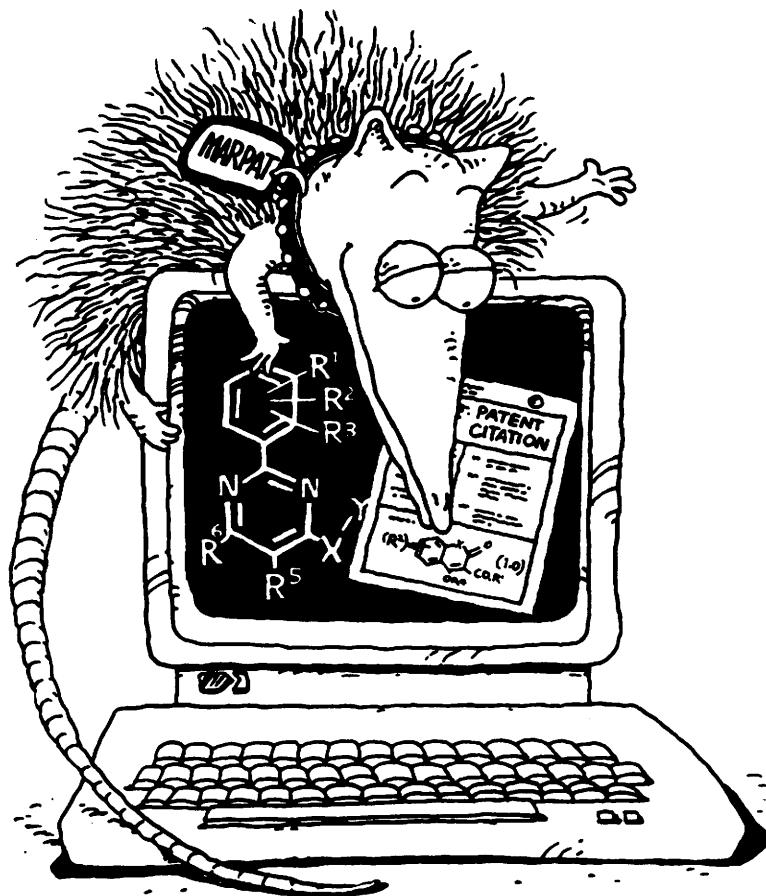
To order please phone (0462) 672555 quoting your credit card details – we now accept Access/Visa/Mastercard/Eurocard
Or write to the address below enclosing a cheque made payable to the Royal Society of Chemistry. We can also issue pro/forma invoices if required.




ROYAL
SOCIETY OF
CHEMISTRY
Information
Services

What can a MARPAT do?

*...capture both Markush structures
and patent information*



MARPAT[®], the structure-searchable patent database from CAS, gives you online access to chemical patent documents that contain Markush (generic) structures. MARPAT is available only on STN International[®]

Search MARPAT in connection with the CAS REGISTRY File of more than 11 million substances. A patent search in only REGISTRY may not be complete—MARPAT can supply unique answers for specific and generic structures. On STN, you'll find other files important for patent searching as well.

With the information MARPAT provides, who knows? You may just capture the market.

Yes! MARPAT has captured my interest. Please send a brochure and a MARPAT poster—FREE!

Name _____

Title _____

Organization _____

Address _____

Enquirers from Eire or UK, please return to

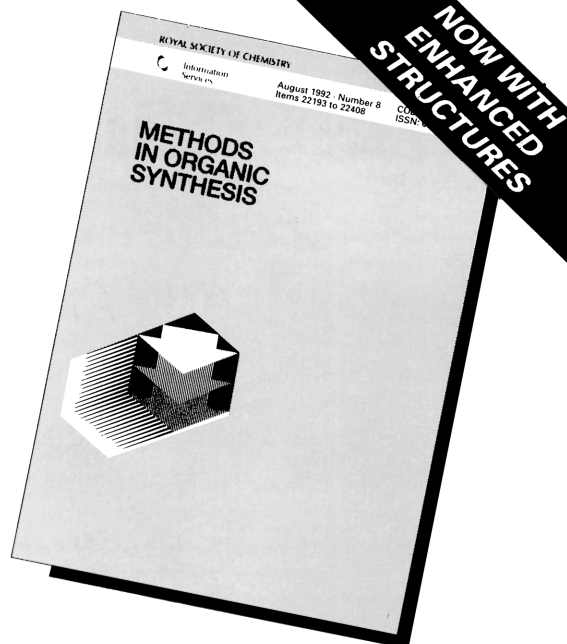
STN International
c/o Royal Society of Chemistry
Thomas Graham House
Science Park
Milton Road
Cambridge CB4 4WF
United Kingdom

METHODS IN ORGANIC SYNTHESIS

Keep up-to-date with developments in this vital area!

Methods in Organic Synthesis (MOS) is now established as a major reference source designed to meet the requirements of synthetic organic chemists.

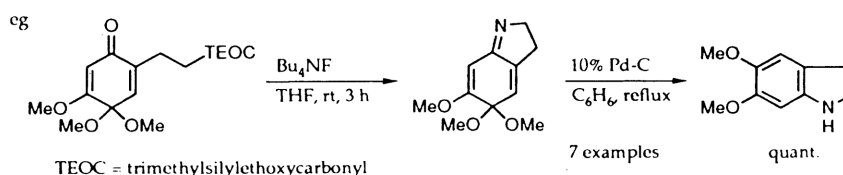
Each monthly issue contains about 200 items including titles, bibliographic details and reaction schemes. Text is included when additional information is required. There are five indexes in every issue: an Author Index, and a Subject Index split into four sections (Product, Reaction, Reactant and Reagent).



22320 A general formation of quinone imines and quinone imine acetals: an efficient synthesis of 5-oxygenated indoles

Y. Kita*, H. Tohma, M. Inagaki, K. Hatanaka

Heterocycles, 1992, 33(2), 503-506



ISSN 0265-4245 12 issues per annum

Annual Subscription 1993

EC £190

USA \$420

Rest of World £210

Don't be without this invaluable publication – write to us for further details and receive a sample issue free!

Simply complete and return the slip below.

Please send me further information and a free sample issue of **MOS**

Name

Position

Organisation

Address

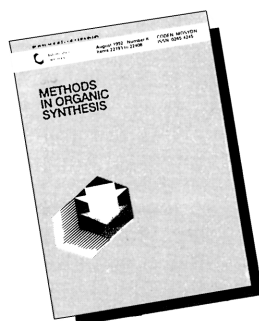
Please return to:

Sales and Promotion Department,
Royal Society of Chemistry,
Thomas Graham House, Science Park, Milton Road,
Cambridge CB4 4WF, United Kingdom.

To order please phone (0462) 672555 quoting your credit card details – we now accept Access/Visa/Mastercard/Eurocard Or write to the address below enclosing a cheque made payable to the Royal Society of Chemistry. We can also issue pro-forma invoices if required.



ROYAL SOCIETY OF CHEMISTRY
Information Services



Journal of Chemical Research, Issue 5, 1993

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 5, is reproduced below.

- 163 Syntheses and Nuclear Magnetic Resonance Study of Isomeric 1-(Benzothiazol-2-yl)-3(5)-trifluoromethylpyrazoles Shiv P. Singh, Devinder Kumar and Jitander K. Kapoor
(M 1168)
- 164 Pyrazolonato Complexes of Uranium. Structure-Stability Relationships of Mono- and Di-nuclear Dioxouranium(VI)-Arylbis(5-hydroxy-3-methyl-1-phenylpyrazol-4-yl)methane Complexes Shaker L. Stefan
(M 1101)
- 166 Single-parameter *versus* Dual-parameter Correlation for Radical Reactions. A Dichotomy of Mechanism for Trichloromethyl-bromo-addition Reactions to Styrenes Gary Hong-Xun Guo, Susan Si-Xun Sun, Guo-Zhen Ji and Xi-Kui Jiang
(M 1123)
- 168 Synthesis of Enaminophosphonium Trifluoromethanesulfonate Salts of the Type $[\text{Ph}_3\text{PCH}=\text{CRNHMe}]^+ \text{CF}_3\text{SO}_3^-$ from *N*-Methylnitrilium Trifluoromethanesulfonates Pogu Bitrus and Brian L. Booth
(M 1144)
- 170 Compounds with Bridgehead Nitrogen. Part 73. Stereochemistry of 3,3a,4,5-Tetrahydro-1*H*-oxazolo[3,4-*a*]quinolines and 1,3,4,4a,5,6-Hexahydro[1,3]oxazino[3,4-*a*]quinolines Trevor A. Crabb, Simon T. Ingate and Thomas G. Nevell
(M 1156)
- 172 Copper(II) Complexes with Oligopeptides containing Serine, Methionine or Phenylalanine Residues Teresa Kowalik-Jankowska, Katalin Varnagy and Csilla Bartalan
(M 1184)
- 174 Additional Y_{Cl} Values and the Correlation of the Specific Rates of Solvolysis of *tert*-Butyl Chloride in Terms of N_T and Y_{Cl} Scales
(-) Dennis N. Kevill and Malcolm J. D'Souza
- 176 Base-induced Rearrangement of *N*-[Benzyl(isopropyl)phosphinoyl]-*O*-*p*-nitrophenylsulfonylhydroxylamine: Relative Migratory Aptitudes of Benzyl and Isopropyl Martin J. P. Harger
(-)
- 178 A Reinvestigation of the Self-condensation of Benzoylacetonitrile in the Presence of Ammonium Acetate. Synthesis of 2-Aminopyridine and 2-Pyridone Derivatives Nazario Martín, José L. Segura, Carlos Seoane and José L. Soto
(-)
- 180 The Kinetics of the Thallium(III) Ion-promoted Hydrolysis of Dithiourethanes
(-) Wasfy N. Wassef
- 182 1,3-Dipolar Cycloaddition of Benzonitrilium *N*-Phenylimide to Didehydropeptides Magda A. Abdallah, Hassan A. Albar and Ahmad S. Shawali
(-)
- 184 Stereospecific Synthesis of (*Z*)-3-Alkylidenephthalides
(-) Raghao S. Mali and Prakash G. Jagtap
- 186 Highly *erythro*-Diastereoselective Synthesis of 2-Benzoylamino-3-phenyl-3-phenylaminopropanoic Acid Menthyl Esters and Chiral Diamino Alcohols therefrom Ivanka K. Kavrakova and Maria J. Lyapova
(-)
- 188 3-Benzyl-5-(2-hydroxyethyl)-4-methylthiazolium Chloride on Calcium Silicate: a Supported Organic Covalent Catalyst Orla Kennedy and Timothy Smyth
(-)
- 190 Acid Dissociation of Monensin and Lasalocid in Organic Solvents Halina Bartnicka, Irena Bojanowska, Jadwiga Rzeszotarska and Marek K. Kalinowski
(-)
- 192 Studies in Sulfur Heterocycles. Part 8. 3,4-Dihydrothieno[2,3-*f*][1]benzoxepin-5(2*H*)-one, a New Heterocyclic System and a Key Intermediate in the Synthesis of Novel Polycondensed Sulfur Heterocycles Soumitra Mukherjee, Sagar S. Jash and Asish De
(-)
- 194 Cyano-(1-methylbenzimidazol-2-yl)thioacetanilide in the Synthesis of 2,3-Dihydro-1,3,4-thiadiazole Derivatives Hamdi M. Hassaneen, Abdel-Hamid E. Harhash, Nada M. Abounada, Tayseer A. Abdallah and Mohammad S. Algharib
(-)
- 196 Synthesis of 1,1-Diacetyl-2-(2,2-dichlorovinyl)cyclopropane *via* Phase-transfer-catalysed Intramolecular Alkylation Ashutosh V. Bedekar, Raghavan Soman, Kanakalakshmy B. Nair and B. Vinayak Kamath
(-)
- 198 Medium-sized Cyclophanes. Part 26. Electrophilic Substitution of [2.2.2](1,2,3)Cyclophanes Takehiko Yamato, Jun-ichi Matsumoto, Mitsuaki Shigekuni and Masashi Tashiro
(-)

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*.