

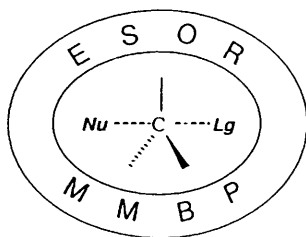
The Royal Society of Chemistry

Perkin Division

Organic Reactivity: Physical and Biological Aspects

*4th European Symposium on Organic Reactivity
2nd Meeting on Molecular Mechanisms in Bioorganic Processes*

**University of Newcastle upon Tyne
11–16 July 1993**



Plenary lecturers:

Sir John Cornforth *Sussex*
R Breslow *USA*
F Cacace *Italy*
A G Davies *UK*
K U Ingold *Canada*
W P Jencks *USA*
H Kessler *Germany*

J P Klinman *USA*
R G Matthews *USA*
R A McClelland *Canada*
Y Murakami *Japan*
L Radom *Australia*
T J Simpson *UK*
M H Zenk *Germany*

Supporting lecturers include:

T L Amyes *USA*
D Arad *Israel*
K Bowden *UK*
D R Boyd *UK*
W Buckel *Germany*
J Fastrez *Belgium*
J Feeney *UK*
F P Guengerich *USA*
P M Jordan *UK*

J Knappe *Germany*
B Krautler *Austria*
I Lee *Korea*
M E Pena *Spain*
J F Stoddart *UK*
F Terrier *France*
A Thibblin *Sweden*
G A Tomaselli *Italy*
U Tonellato *Italy*

*Further information about the meeting, and details
about exhibition space, is available from*

Dr John F Gibson, The Royal Society of Chemistry, Burlington House, London W1V 0BN.
Tel: 071 437 8656 Fax: 071 437 8883

33rd NATIONAL ORGANIC CHEMISTRY SYMPOSIUM

June 13–17, 1993

Division of Organic Chemistry, American Chemical Society
Amos B. Smith, III, Symposium Executive Officer

The 33rd National Organic Chemistry Symposium of the American Chemical Society will be held June 13–17, 1993 at the Montana State University, Bozeman, Montana. The purpose of the Symposium is to demonstrate the vitality and diversity of the field of organic chemistry through presentations of outstanding research at the forefront of the discipline. The program features the Roger Adams Award Address by E. J. Corey and lectures by ten other speakers. Also there will be two sessions for contributed posters. A book of Abstracts of the talks and the posters will be given to all registrants at the meeting. (This Abstract book may be obtained afterwards by sending \$15.00 plus a self-addressed 10" × 13" envelope to William R. Roush, Secretary-Treasurer, ACS Division of Organic Chemistry, Department of Chemistry, Indiana University, Bloomington, IN 47405.)

Meals and air-conditioned dormitory rooms will be available on the campus at a reasonable cost. On Wednesday evening, there will be an outdoor Bar-B-Que followed by the College National Rodeo Championships. Special tours and various cultural, athletic and outdoor activities will be available during the afternoons.

Pre-registration is required. Prior to May 15, the registration fees are: \$145 for members of the ACS Organic Division, \$155 for other ACS members, \$170 for non-members of the ACS, \$50 for postdoctoral fellows, \$25 for students, and \$25 for guests accompanying a registrant. After May 15, each of the preceding registration fees will be increased by \$20. The one-day registration fee is \$60.

To obtain a detailed brochure, registration forms, poster abstract forms, and other general information, please contact: Organic Chemistry Symposium, Conference Services, Strand Union Room 280F, Montana State University, Bozeman, MT 59717-0402; (406) 994-3333; FAX (406) 994-5488.

Sunday, June 13

8:30 pm Opening Mixer and Poster Session A

Monday, June 14

8:30 am Opening Remarks
9:00 am **Larry E. Overman**, *New Stereocontrolled Methods for Ring Construction*
10:45 am **James D. White**, *Progress in the Synthesis of Macrolide Antibiotics: A Route to Rutamycin*
7:30 pm **Andrew G. Myers**, *Mechanistic and Synthetic Studies of the Enediyne Antibiotics*
8:45 pm **Yoshito Kishi**, *Natural Product Chemistry: Palytoxin*
10:00 pm Mixer and Poster Session A *continued*

Tuesday, June 15

9:00 am **Louis S. Hegedus**, *Synthesis of Amino Acids and Peptides Using Photolytic Reactions of Chromium Carbene Complexes*
10:45 am **Cynthia J. Burrows**, *Oxidation of Hydrocarbons and DNA using Nickel Catalysts*
7:30 pm **Elias J. Corey**, *Roger Adams Award Address: Studies on Enantioselective Synthesis*
9:00 pm Mixer and Poster Session B

Wednesday, June 16

8:30 am **Donald A. Tomalia**, *Starburst™/Cascade Dendrimers: Fundamental Building Blocks for a New Nanoscopic Chemistry Set*
10:30 am **Fred Wudl**, *Synthesis and Determination of Exotic Properties of the Fullerenes: Periconjugation and Quasi Shift Reagent Effects*
11:45 am **Jean-Marie Lehn**, *From Molecular Recognition towards Self Organization*
5:30 pm Western Bar-B-Que
8:00 pm College National Rodeo Finals
10:00 pm Mixer and Poster Session B *continued*

Thursday, June 17

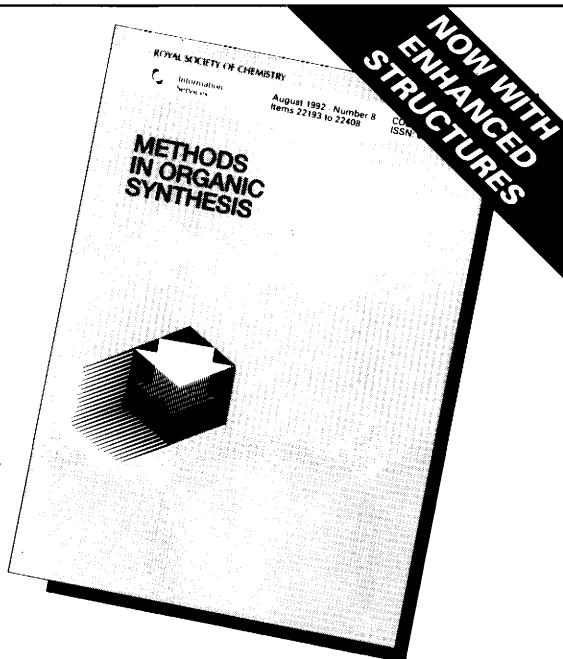
9:00 am **Christopher T. Walsh**, *Molecular Basis of Resistance to the Vancomycin Group of Antibiotics*
10:45 am **Stuart L. Schreiber**, *Molecular Investigations of Signal Transduction*
12:00 pm Closing Remarks

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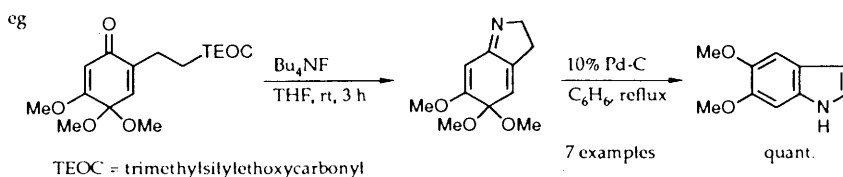
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22320 A general formation of quinone imines and quinone imine acetals: an efficient synthesis of 5-oxygenated indoles

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

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



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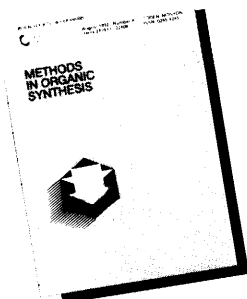
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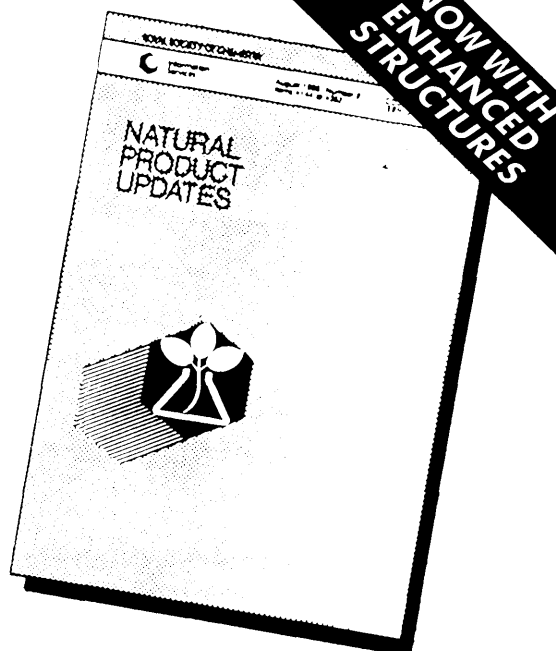
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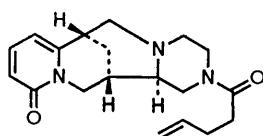
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13136 Sophazrine, a novel quinolizidine alkaloid from *Sophora griffithii*
Atta-Ur-Rahman*, A. Pervin, M. I. Choudhary, N. Hasan, B. Sener

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]_D +213°



Sophazrine
C₁₉H₂₅N₃O₂
amorphous solid
[α]_D + 213°

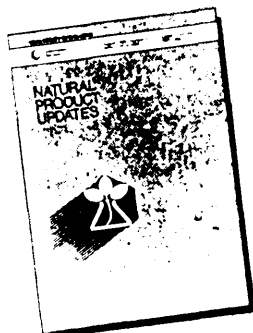
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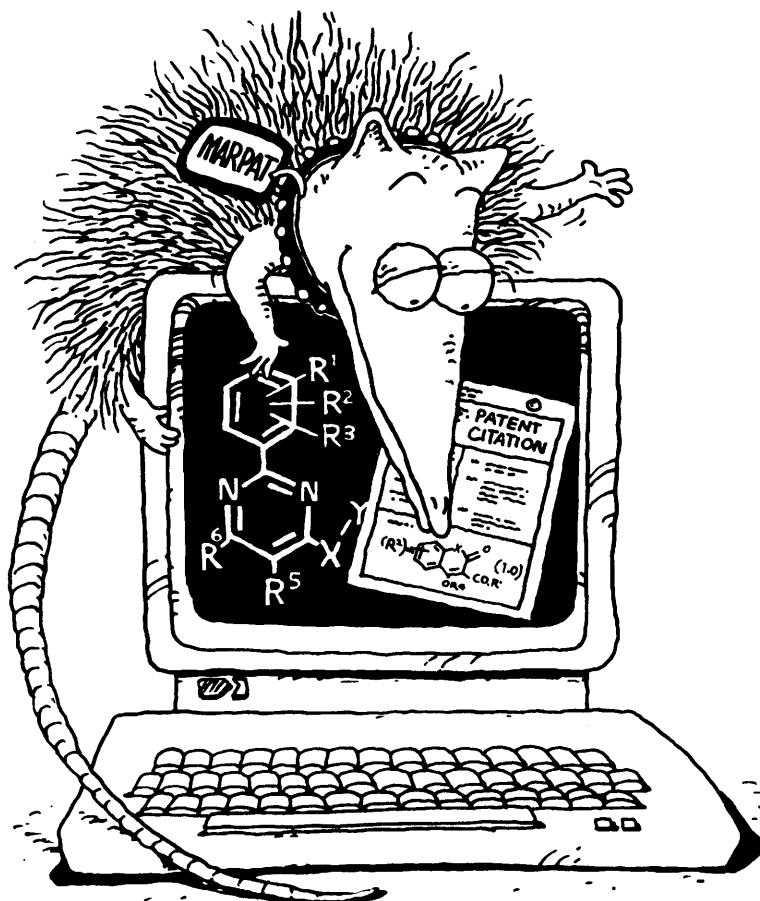
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Journal of Chemical Research, Issue 4, 1993

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 4, is reproduced below.

- 137 The Use of Chromyl Diacetate as an Epoxidation Reagent
(M 0901) **Lydia R. Galagovsky and Eduardo G. Gros**
- 138 Peptides from Australian Frogs. The Structures of the Caerins from *Litoria caerulea* **David J. M. Stone, Russell J. Waugh, John H. Bowie, John C. Wallace and Michael J. Tyler**
(M 0910)
- 139 Peptides from Australian Frogs. The Structures of the Caerins and Caeridins from *Litoria gilleni* **Russell J. Waugh, David J. M. Stone, John H. Bowie, John C. Wallace and Michael J. Tyler**
(M 0937)
- 140 Stoichiometry and Kinetics of the Oxidation of Hydrazoic Acid with *N*-Chlorotoluene-*p*-sulfonamide (Chloramin T) in Acid Perchlorate Medium **Juzar Hussain, Pradeep Parasher, Vijay Devra and Prem D. Sharma**
(M 0962)
- 141 Carbon-13 Nuclear Magnetic Resonance Studies on Some Synthetic Acetylenic Glycerol Triesters **Marcel S. F. Lie Ken Jie, C. C. Lam and Bonnie F. Y. Yan**
(M 1023)
- 142 Thermodynamic Studies on Water-Butane-1,2-diol-Sodium Iodide and Water-Butane-1,4-diol-Sodium Iodide Systems at 298.15 K using a Glass Sodium Electrode **Adam Bald**
(M 1001)
- 144 Hydrogen-Deuterium Exchange Reaction of Thiophene-2-carboxylic Acids and a Convenient Synthesis of [²H₉]Valeric Acid with Nickel-Aluminium Alloy in Alkaline Deuterium Oxide **Hirohisa Tsuzuki, Mamoru Mukumoto, Shuntaro Mataka, Tadashi Yonemitsu and Masashi Tashiro**
(M 1046)
- 146 A Convenient Preparation of 4-Chloromethyl-2,7-dimethoxy-1,3,6,8-tetramethylfluorene using Friedel-Crafts Intramolecular Cyclobenzylation **Takehiko Yamato, Masayasu Komine, Naozumi Sakaue, Toshio Matsuda, Yoshiaki Nagano and Masashi Tashiro**
(—)
- 148 Improved Synthesis of a Precursor to 4-Amino-4-deoxychorismic Acid using an Iminophosphorane as a Base-labile Protecting Group **Michael Campbell and Michael J. McLeish**
(—)
- 150 Photochemical Rearrangements of 2-Acetoxy-3'-aryl-bicyclo[2.2.1]heptane-3-spiro-2'-oxiranes to 2-Acetoxy-4-phenylbicyclo[3.2.1]octan-3-ones **W. Russell Bowman, Brian A. Marples and Naveed A. Zaidi**
(—)
- 152 Synthesis of Possible Metabolites of Medetomidine {1-(2,3-Dimethylphenyl)-1-[imidazol-4(5)-yl]ethane} **Pierce V. Kavanagh, Michael T. B. Lambert, Brian McKenna and T. Brian H. McMurry**
(—)
- 154 Novel Reactions of Dihalogenobis(quinolin-8-olato)osmium(IV) [OsX₂Q₂] towards 2-(*m*-Tolylazo)pyridine (L): A Facile Synthesis of Blue-violet [OsX₂L₂] and *mer*-[OsL₃]²⁺ (X = Cl or Br; Q = Deprotonated Quinolin-8-ol) **Bijan K. Roy, Pradyut K. Das, Tapan K. Mallick and Barindra K. Ghosh**
(—)
- 156 Ozone-mediated *C*-Nitration of Pyridine and Methylpyridines with Nitrogen Dioxide **Hitomi Suzuki, Iku Kozai and Takashi Murashima**
(—)
- 158 The Electrochemistry of 2,2',4,4',6,6'-Hexanitroazobenzene in Acetonitrile **David W. Firsich and Randall L. Wood**
(—)
- 160 Reactions of 1-Hydroxypyridine-2(1*H*)-thione with Arenesulfinyl Chlorides: a New Route to *S*-Aryl Thiosulfonates **Wojciech Sas**
(—)
- 162 *C, N*-Dicyanomethanimine **Bertrand Roekens, Anne Buyle Padias and H. K. Hall, Jr.**
(—)

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*.

