No. 4: 15 February 1989



ROYAL SOCIETY OF CHEMISTRY

Chemical Communications

Preliminary Accounts of Important New Work in Chemistry

JOURNAL OF THE CHEMICAL SOCIETY

PAGES 205-264

Journal of The Chemical Society, Chemical Communications

Number 4

A twice-monthly journal containing urgent accounts of important new work in chemistry

Journals Management Committee

Professor H. M. Frey (Chairman) Dr. J. P. Clayton Miss A. R. Haygarth Jackson Professor G. W. Kirby Professor I. W. M. Smith Professor I. O. Sutherland Dr. J. D. R. Thomas Professor M. G. H. Wallbridge Dr. I. A. Williams

Correspondence on editorial matters should be addressed to:

The Editor, Chemical Communications, The Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road, Cambridge CB4 4WF Telephone 0223 420066, Fax 0223 423623, Telex 818293 ROYAL

Manager, Journals: Alan McNaught

Editor, Chemical Communications: Peter Whittington Assistant Editors: Tracey Booth Helen Coates Jane Davies Susan Davis

The 1989 Annual member subscription price is £38.00. Members' orders, subscription (preferably accompanied by the appropriate remittance), and correspondence concerning the supply of Chemical Communications should be addressed to The Membership Officer at the above address.

Chemical Communications (ISSN 0022–4936) is published twice monthly by The Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road, Cambridge CB4 4WF, England. 1989 Annual subscription price: U.K. £253.00, Rest of World £291.00, U.S.A. \$582.00. Changes of address and orders with payment in advance to The Royal Society of Chemistry, The Distribution Centre, Blackhorse Road, Letchworth, Herts. SG6 1HN, England (Telephone 046 26 7255. Telex 825372). Air freight and mailing in the U.S.A. by Publication Expediting Inc., 200 Meacham Avenue, Elmont, New York 11003. U.S. Postmaster: send address changes to Chemical Communications, Publications Expediting Inc., 200 Meacham Avenue, Elmont, New York 11003. Second class postage paid at Jamaica, New York 11431. All other despatches outside the U.K. by Bulk Airmail within Europe, and Accelerated Surface Post outside Europe. PRINTED IN THE U.K.

© The Royal Society of Chemistry, 1989.

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form, or by any means, electronic, mechanical, photographic, recording, or otherwise, without the prior permission of the publishers.