TETRAHEDRON LETTERS

EXECUTIVE BOARD OF EDITORS FOR TETRAHEDRON PUBLICATIONS

Chairman: C.-H. Wong

Editor Emeritus: Professor H. H. Wasserman

Professor D. L. Boger, The Scripps Research Institute, La Jolla, CA, USA

Professor S. G. Davies, University of Oxford, Oxford, UK

Professor B. Ganem, Department of Chemistry & Chemical Biology, Baker Laboratory, Cornell University, Ithaca, NY 14853-1301, USA Fax: 1 607 255 8422; e-mail: tetlett@cornell.edu

Professor L. Ghosez, Institut Européen de Chimie et de Biologie (IECB), France

Professor Lin Guo-Qiang, Shanghai Institute of Organic Chemistry, Chinese Academy of Sciences, 354 Fenglin Road, Shanghai 200032, China Fax: 86 21 64166263; e-mail: tetrahed@mail.sioc.ac.cn

(Senior Referees, Professor L.-X. Dai, Professor T.-Y. Luh, Professor H. N. C. Wong)

Professor Y. Hashimoto, University of Tokyo, Tokyo, Japan

Professor T. Hayashi, Kyoto University, Kyoto, Japan

Professor S. F. Martin, University of Texas, Austin, TX, USA

Professor W. B. Motherwell, University College, London, UK

Professor M. Shibasaki, The University of Tokyo, Japan

Professor R. J. K. Taylor, University of York, UK (Associate Editors, Dr. P. A. O'Brien and Dr. D. K. Smith) Professor E. J. Thomas, School of Chemistry, The University of Manchester, Oxford Road, Manchester M13 9PL, UK Fax: 44 161 275 4622; e-mail: tetlet@man.ac.uk (Associate Editor, Professor J. A. Joule)

Professor H. Waldmann, Max-Planck-Institut für Molekulare Physiologie, Dortmund, Germany

Professor H. H. Wasserman, Yale University, New Haven, CT, USA

Professor R. M. Williams, Colorado State University, Fort Collins, CO, USA

Professor C.-H. Wong, The Scripps Research Institute, La Jolla, CA, USA

Professor J. Wood, A. I. Meyers Professor of Chemistry, Department of Chemistry, Colorado State University, Fort Collins, CO 80523-1872, USA Fax: 1 970 491 5703; e-mail: tetlett@colostate.edu

Professor Y. Yamamoto, Department of Chemistry, Graduate School of Science, Tohoku University, Sendai 980-8578, Japan Fax: 81 22 217 6784; e-mail: tetlet@mail.tains.tohoku.ac.jp (Associate Editor, Professor M. Hirama)

Professor S. Z. Zard, Laboratoire de Synthèse Organique, Ecole Polytechnic, F-91128 Palaiseau Cedex, France Fax: 33 (0) 1 69 33 3057; e-mail: tetlet@polytechnique.fr (Associate Editor, Dr. B. Sire)

Editors of the Tetrahedron Organic Chemistry Series: Professor J.-E. Bäckvall, University of Stockholm, Sweden Professor Sir J. E. Baldwin, FRS, Dyson Perrins Laboratory, Oxford, UK Professor R. M. Williams, Colorado State University, Fort Collins, CO, USA

BOARD OF CONSULTING EDITORS

N. Fusetani, University of Tokyo, Japan

P. Kocienski, University of Leeds, UK

France

Y. Langlois, Université de Paris-Sud, Orsay,

- J.-E. Bäckvall, University of Stockholm, Sweden
 V. Balzani, University of Bologna, Italy
 M. Banwell, Australian National University, Canberra, Australia
 A. G. M. Barrett, Imperial College, London, UK
 C. Bolm, RWTH Aachen, Germany
 E. M. Carreira, ETH, Zürich, Switzerland
 S. Ikegami, Teikyo University, Kanagawa, Japan
 B. Junker, Merck & Co. Inc., Rahway, NJ, USA
 T. Katsuki, Kyushu University, Fukuoka, Japan
 Y. Kishi, Harvard University, Cambridge, MA, USA
 P. Knochel, Ludwigs-Maximilians-University, Munich, Germany
- **G. W. Coates,** Cornell University, Ithaca, NY,

A. Alexakis, University of Geneva, Switzerland

- USA
- **D. Corey,** University of Texas Southwestern,
- Medical Center, Dallas, TX, USA
- E. J. Corey, Harvard University, Cambridge, MA, USA
- J. Cossy, ESPCI, Paris, France
- D. P. Curran, University of Pittsburgh, PA, USA
- S. J. Danishefsky, Columbia University, New York, NY, USA
- A. Dondoni, University of Ferrara, Italy
- **D. A. Evans,** Harvard University, Cambridge, MA, USA
- P. A. Evans, Indiana University, Bloomington, IN,
- USA
- **S. Florio,** University of Bari, Italy **G. C. Fu,** MIT, Cambridge, MA, USA
- E. Lee, Seoul National University, Seoul, Korea
 S. V. Ley, University of Cambridge, UK
 B. H. Lipshutz, University of California, Santa Barbara, CA, USA
 X.-Y. Lu, Shanghai Institute of Organic Chemistry,
- China D. MacMillan, California Institute of Technology,
- Pasadena, CA, USA P. D. Magnus, University of Texas at Austin, TX,
- USA
- L. N. Mander, Australian National University, Canberra, Australia
- **G. Mehta**, Indian Institute of Science, Bangalore,
- India

- phia, PA, USA J. Moore, University of Illinois at Urbana-Champaign, IL, USA
 - T. Mukaiyama, Kitasato Institute, Tokyo, Japan K. C. Nicolaou, Scripps Research Institute, La Jolla,

G. Molander, University of Pennsylvania, Philadel-

- CA, USA
- R. Noyori, Nagoya University, Japan
- S. Omura, Kitasato Institute, Tokyo, Japan
- **G. Ourisson**, Centre National de la Scientific Strasbourg, France
- L. E. Overman, University of California, Irvine, CA, USA
- I. Paterson, University of Cambridge, UK
- **G. Pattenden**, University of Nottingham, UK
- S. Roberts, University of Liverpool, UK
- S. L. Schreiber, Harvard University, Cambridge,
- MA, USA
 - T. Shioiri, Meijo University, Nagoya, Japan
 - V. Snieckus, Queen's University, Kingston, Canada
 - Y. Thebtaranonth, Mahidol University, Bangkok, Thailand
 - J. D. Wuest, University of Montreal, Canada
 - H. Yamamoto, University of Chicago, IL, USA
 - M. Yus, University of Alicante, Spain

PUBLISHED WEEKLY

Orders, claims, and journal enquiries: please contact the Customer Service Department at the Regional Sales Office nearest you: **Orlando:** Elsevier, Customer Service Department, 6277 Sea Harbor Drive, Orlando, FL 32887-4800, USA; phone: (877) 8397126 or (800) 6542452 [toll free number for US customers]; (+1) (407) 3454020 or (+1) (407) 3454000 [customers outside US]; fax: (+1) (407) 3631354 or (+1) (407) 3639661; e-mail: usjcs@elsevier.com or elspcs@elsevier.com; **Amsterdam:** Elsevier, Customer Service Department, PO Box 211, 1000 AE Amsterdam, The Netherlands; phone: (+31) (20) 4853757; fax: (+31) (20) 4853432; e-mail: ninfo-f@elsevier.com; **Tokyo:** Elsevier, Customer Service Department, 4F Higashi-Azabu, 1-Chome Bldg., 1-9-15 Higashi-Azabu, Minato-ku, Tokyo 106-0044, Japan; phone: (+81) (3) 5561 5047; e-mail: jp.info@elsevier.com; **Singapore** Elsevier, Customer Service Department, 3 Killiney Road, #08-01 Winsland House I, Singapore 239519; phone: (+65) 63490222; fax: (+65) 67331510; e-mail: asiainfo@elsevier.com