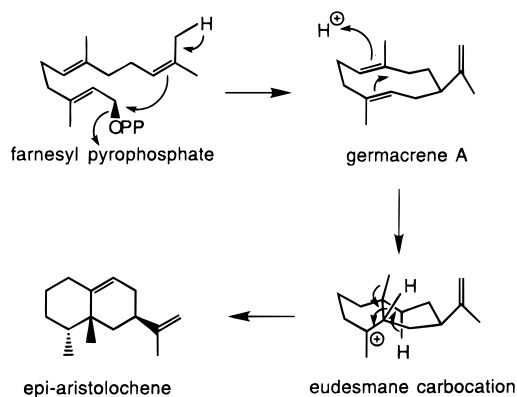


Additions and Corrections

Demonstration of Germacrene A as an Intermediate in 5-Epi-aristolochene Synthase Catalysis [*J. Am. Chem. Soc.* **2000**, *122*, 1861–1866]. KATHLEEN A. RISING, COURTNEY M. STARKS, JOSEPH P. NOEL,* AND JOSEPH CHAPPELL*

Scheme 1: This revised scheme for the cyclization of FPP by *epi*-aristolochene synthase corrects three errors in the original. One, the earlier version of Scheme 1 inadvertently left out a double bond between carbons 2 and 3 of farnesyl pyrophosphate. Two, germacrene A was referred to as a *cis*-fused decalin. It is not. Three, the initial proton abstraction occurs from the *cis*-terminal methyl group rather than the *trans*-methyl group as first suggested in the data by Whitehead, Threlfall, and Ewing (*Phytochemistry* **1989**, *28*, 775–779) and confirmed in more recent specific-labeling/NMR studies by Schenk, Elmore, and Coates at the University of Illinois.



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Book Reviews *

Essays in Biochemistry. Metalloproteins. Edited by D. P. Ballou (University of Michigan). Princeton University Press: Princeton, NJ, 1999. xx + 216 pp. \$29.95. ISBN 0-691-05048-1.

This book covers contemporary bioinorganic research and explores the roles that metals play in biology. It consists of 12 essays written by experts in the field and covers such topics as bacterial adaptations to toxic metals, metalloproteins in oxygen transport, metal-containing drugs to treat cancer, and the fundamentals of biological electron-transfer reactions. The essays are targeted for audiences ranging from upper-division undergraduates to professional chemists and biochemists who wish to become acquainted with current research issues in bioinorganic chemistry. Although all of the contributions are accompanied by references, few of them are more recent than 1997.

JA004745G

10.1021/ja004745g

Practical Process Research & Development. By Neal G. Anderson (Process Solutions L.L.C., Nicasio, CA). Academic Press: San Diego, 2000. xxiv + 354 pp. \$89.95. ISBN 0-12-059475-7.

This book offers a practical, step-by-step guide to organic process research and the development of "small molecules". It aims both to usher the new graduate from the environment of a university laboratory into the world of large-scale industrial processing and to provide useful

tips and strategies in process development to the more experienced process chemist. Some of its key features are a break-down of process optimization, a guide to preparing for and implementing a scale-up run, a discussion of the procedures for the timely development of processes, a troubleshooting section on processing problems, and over 100 highlighted tips for rapid process development. The book is well referenced and contains citations up to 1999.

JA0047469

10.1021/ja0047469

Spectroscopy of Superconducting Materials. ACS Symposium Series 730. Edited by Eric Faulques (University of Nantes). American Chemical Society: Washington, DC (Distributed by Oxford University Press), 1999. x + 310 pp. \$120.00. ISBN 0-8412-3609-7.

This book brings together the research presented at the 1998 Symposium on Applications of Spectroscopy to Superconducting Materials held in Dallas. It offers an overview of important spectroscopic techniques applied to superconducting materials. Some techniques covered in its 18 chapters are Raman scattering, infrared absorption, X-ray photoelectron and Auger spectroscopy, time-resolved spectroscopy, microwave plasma resonance, Mössbauer spectroscopy, photoconductivity, and point-contact spectroscopy.

JA004750K

10.1021/ja004750k

*Unsigned book reviews are by the Book Review Editor.