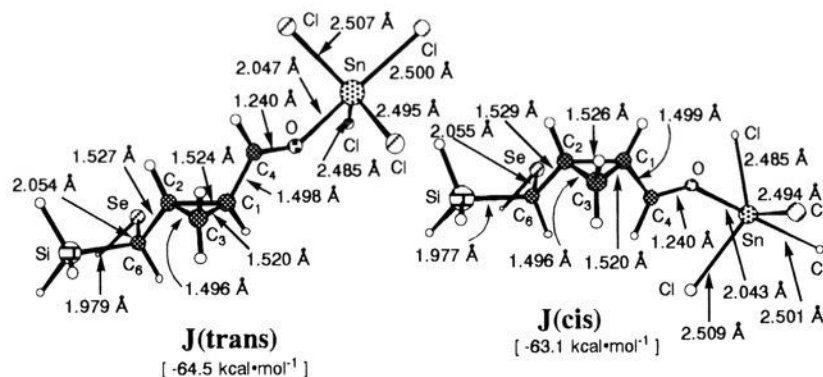


## Additions and Corrections

**[2 + 1] Cycloaddition of 1-Seleno-2-silylethenes. Selenium-Assisted 1,2-Silicon Shift for Cyclopropanation** [*J. Am. Chem. Soc.* **1994**, *116*, 2356–2365]. SHOKO YAMAZAKI,\* MAYUMI TANAKA, AKIO YAMAGUCHI, AND SHINICHI YAMABE

Page 2361: Model compounds of cyclopropane–SnCl<sub>4</sub> complexes, **J(trans)** and **J(cis)** in Figure 3, are incorrect diastereomers contrary to the description in the text and should be as shown below.



JA955015P

## Book Reviews \*

**Chemical Safety. International Reference Manual.** Edited by Mervyn Richardson (Birch Assessment Services for Information on Chemicals). VCH: Weinheim, Germany. 1994. 632 pp. \$145.00. ISBN 3-527-28630-6.

This book provides a pragmatic guide to the basic tools of chemical safety assessment and pollution prevention, from information retrieval, through hazard and risk assessment, to safety evaluation and legal aspects. It is truly global in coverage with contributors drawn from East and West, North and South. It covers natural and artificial hazards to the environment, including the potentially catastrophic effects of modern warfare, and encompasses all aspects of chemical safety and pollution effects on air, water, soil, and various species including man, as well as occupational exposure to chemicals.

JA945068R

**Levoglucosenone and Levoglucosans. Chemistry and Applications.** Edited by Zbigniew J. Witczak (University of Connecticut). ATL Press, Inc.: Mount Prospect, IL. 1994. 224 pp. \$169.00. ISBN 1-882360-13-3.

Proceedings of the Symposium on Levoglucosenone and Levoglucosans. Sponsored by the Division of Carbohydrate Chemistry at the 204th National Meeting of the American Chemical Society, Washington, DC, August 26, 1992. Nine chapters cover Levoglucosenone: Chemistry and Applications. The remaining five chapters cover Levoglucosans: Chemistry and Industrial Aspects. The topics have been selected to bring the reader up to date on some of the most significant recent developments and applications of two of the new carbohydrate synthons, levoglucosenone and levoglucosan.

JA9450768

**Analytical Biotechnology.** Edited by C. van Dijk (Institute for Agrotechnological Research). Elsevier: Amsterdam. 1993. 208 pp. \$151.50. ISBN 0-444-81640-2.

Proceedings of the 4th International Symposium on Analytical Methods, Systems and Strategies in Biotechnology (ANABIOTEC '92), Noordwijkerhout, The Netherlands, September 21–23, 1992. Previ-

ously published as part of the 1993 subscription to *Analytica Chimica Acta* and *Journal of Biotechnology*. ANABIOTEC '92 focused on the further integration of biotechnology and analytical chemistry. The results of this symposium clearly demonstrated that a substantial progress could be reported in the application of both conventional and new analytical techniques, the latter essentially based on natural analytical tools such as biomolecules. The main themes covered during this meeting are fermentation monitoring, chromatography, instrumental analysis, biosensors, and bioanalysis.

JA945071A

**Studies in Organic Chemistry 49: Catalyzed Direct Reactions of Silicon.** Edited by K. M. Lewis (Union Carbide Corporation) and D. G. Rethwisch (University of Iowa). Elsevier: Amsterdam. 1993. 664 pp. \$265.75. ISBN 0-444-81715-8.

There has been a scarcity of authoritative, published information on the direct reactions of silicon. Nevertheless, the need for up-to-date information on the reactions and their silane products persists across a broad range of scientists. Recent progress warrants documentation of the state-of-the-art and identification of the areas for future research. Some of the highlights of the book are the following: (1) An authoritative presentation of the state of commercial practice on the direct synthesis of chlorosilanes and methylchlorosilanes in more depth and breadth than can be found elsewhere in a single volume. (2) The use of in-line FTIR for time analysis of methylchlorosilane vapors exiting the direct reaction shortening the analysis time from 30 min to 20 s and providing information comparable to that of gas chromatography. (3) The first comprehensive publication on the direct synthesis of tris(dimethylamino)silane. (4) Chemical engineering modeling of the direct synthesis of chlorosilanes and methylchlorosilanes.

JA9450521

**Techniques and Instrumentation in Analytical Chemistry. Volume 14. Analytical Applications of Circular Dichroism.** Edited by N. Purdie (Oklahoma State University) and H. G. Brittain (Bristol-Myers Squibb). Elsevier: Amsterdam. 1994. x + 348 pp. \$202.75. ISBN 0-444-89508-6.

\*Unsigned book reviews are by the Book Review Editor.