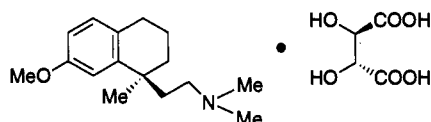


Additions and Corrections

Catalytic Asymmetric Synthesis of Benzylic Quaternary Carbon Centers. An Efficient Synthesis of (–)-Eptazocine [*J. Am. Chem. Soc.* **1993**, *115*, 8477–8478]. TOSHIYASU TAKEMOTO, MIKIKO SODEOKA, HIROAKI SASAI, AND MASAKATSU SHIBASAKI*

Page 8478, Scheme III: In this communication we assigned the absolute configuration of the alcohol (–)-**20** to be *R* based on what was reported earlier (*J. Chem. Soc., Chem. Commun.* **1990**, 290; and a personal communication from the authors). However, more recently X-ray examination of the tartrate salt shown below derived from (–)-**18** suggests otherwise and thus the configuration of **20** is opposite to that which we reported.



This correction of configuration also applies to the structures **1**, **12**, **13**, **17**, **18**, and **19** shown therein.

Computer Software Reviews *

Scientific Reference System II. SRS II v2. Version 2. GloMax Software: 3525 Lucia Crest, Madison WI 53705. Voice (608)264-5407. FAX (608)264-5275. E-mail: jralph@facstaff.wise.edu. ShareWare: \$15.00.

This macintosh reference manager, previously reviewed (*J. Am. Chem. Soc.* **1992**, *114*, 4949), is now ShareWare (\$15.00). The program, formerly marketed by Trinity Software and ACS Software, has reverted back to GloMax Software. Contact GloMax via mail or E-mail.

*Unsigned computer software reviews are by the Computer Software Review Editor.

Book Reviews *

Advances in Metal-organic Chemistry. Volume 3. Edited by Lanny S. Liebeskind (Emory University). JAI Press: Greenwich, CT. 1994. xii + 322 pp. \$90.25. ISBN 1-55938-406-9.

This book is Volume 3 in the ongoing series covering stoichiometric and catalytic metal mediated synthetic organic processes. After a list of contributors, a preface by the editor, and an introduction to the series by Albert Padwa, there are five chapters with the following headings: Orthomanganated Aryl Ketones and Related Compounds in Organic Synthesis by Lyndsay Main and Brian K. Nicholson; Cyclopropylcarbene-Chromium Complexes: Versatile Reagents for the Synthesis of Five-membered Rings by James W. Herndon, Seniz U. Tumer, Leonard A. McMullen, Julius J. Matasi, and Wayne F. K. Schnatter; Palladium-catalyzed Vinylic Substitution by Richard C. Larock; Ruthenium-Catalyzed Oxidative Transformations of Alcohols by Shun-Ichi Murahashi and Takeshi Naota; and Palladium-Catalyzed Carbonyl Allylation via π -Allylpalladium Complexes by Yoshiro Masuyama. There is a subject index.

Cluster Ions. Wiley Series in Ion Chemistry and Physics. Edited by Cheuk-Yiu Ng (Iowa State University), Tomas Baer (University of North Carolina at Chapel Hill), and Ivan Powis (University of Nottingham). John Wiley & Sons: Chichester and New York. 1993. xiv + 479 pp. \$104.00. ISBN 0-471-93830-0.

*Unsigned book reviews are by the Book Review Editor.

This volume is the first in a reference book series on ion chemistry and physics. This volume cuts various swaths through the field of cluster ion research in seven chapters authored by active researchers. Chapter 1 by W. Kamke details experimental methods, and in particular electron-ion coincidence techniques, used in the study of the photoionization and ensuing fragmentation of clusters. The chapter follows up with examples of applications and results for clusters of ammonia, rare gases, and nitrous oxide (the latter two also mixed with aromatic compounds). In Chapter 2, C. Lifshitz surveys dissociation processes and kinetic energy release for proton bound clusters and the cationic carbon clusters. In Chapter 3, M. Jarrold describes theoretical and experimental results on silicon cluster ions and discusses results on dissociation, mobility, and chemical reactivity of these cluster ions with a slant toward inferences on the existence of isomers and their structure. In Chapters 4 and 5, experimental methods and results on the spectroscopy of cluster ions are covered. Chapter 4 by J. Lisy is concerned with vibrational spectroscopy and describes work from Y. T. Lee's lab on protonated molecular clusters and from Lisy's own lab on solvated metal ions, while Chapter 5 by J. Farrar deals with electronic photodissociation spectroscopy of ionic clusters including solvated metals ions, anionic water clusters, and rare gas cluster ions. Chapter 6 by I. Last and T. George has a perspective more on theory and describes the calculation of the electronic structures of rare gas clusters by the diatomics-in-ionic-systems method. In chapter 7, B. Brunetti and F. Vecchiocattivi present an extensive description of experimental