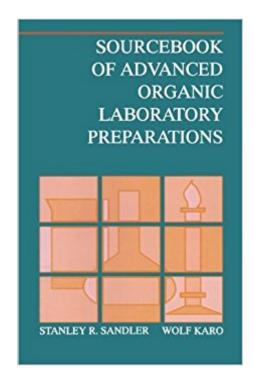


The book was found

Sourcebook Of Advanced Organic Laboratory Preparations





Synopsis

In the case of students, this laboratory preparations manual can be used to find additional experiments to illustrate concepts in synthesis and to augment existing laboratory texts. A name reaction index is also included to direct the reader to the location where specific reactions appear in this manual. The industrial chemist is frequently required to prepare a variety of compounds, and this manual can serve as a convenient guide to choose a synthetic route.Offers detailed directions for the synthesis of various functional groupsIncludes up-to-date references to the journal literature and patents (foreign and domestic)Reviews the chemistry for each functional group with suggestions where additional research is neededName reactions are indexed along with the preparations cited

Book Information

Paperback: 352 pages Publisher: Academic Press (October 29, 1992) Language: English ISBN-10: 0126185069 ISBN-13: 978-0126185065 Product Dimensions: 6 x 0.8 x 9.2 inches Shipping Weight: 1.4 pounds (View shipping rates and policies) Average Customer Review: 5.0 out of 5 stars 1 customer review Best Sellers Rank: #4,583,240 in Books (See Top 100 in Books) #90 inà Å Books > Science & Math > Chemistry > Organic > Synthesis #376 inà Å Books > Science & Math > Experiments, Instruments & Measurement > Scientific Instruments #2280 inà Å Books > Science & Math > Chemistry > Industrial & Technical

Customer Reviews

This Sourcebook of Advanced Organic Laboratory Preparations provides a ready source of reliable procedures for those involved in organic synthesis in either academic or industrial laboratories. The text will be useful to instructors and students seeking additional reliable organic or polymer preparations. The introductory material in each chapter gives a brief synopsis of a given functional group or class of compounds. The industrial chemist, who is frequently required to prepare a variety of compounds, will also appreciate this convenient source of procedures, tables, and polymer preparations as a guide to choosing a synthetic route.

Dr. Stanley R. Sandler won the R&D 100 Award offered by the industry in 1990 for a significant commercial process to prepare an important organic intermediate. In addition to this honor, he has over 100 publications involving patents, books, an encyclopedia article, several journal articles, and he is currently a referee for several journals. Sandler received his Ph.D. in Organic Chemistry from Penn State University.Wolf Karo was a winner of the Westinghouse Science Talent Search. He holds a number of patents, and has been active in developing applications of monodispersed microspheres in diagnostic testing and other areas of biotechnology. Karo received his Ph.D. in Organic Chemistry from Organic Chemistry from Cornell University.

This book is an invaluable and convenient source for industrial chemists in organic synthesis. The book dedicates a brief yet informative summary to the synthetic methods for each functional group including polymers. References were given for more details. An organic chemist would add a great deal to his or her toolbox by familiarizing with these reactions. The book also gives specific examples of synthetic reactions with reliable procedures. A total of 177 reactions are made available with great details. Some nature of process chemistry is reflected by the multi-gram / kilogram scales and no-chromatography purifications. The appendix addresses the critical issue of documentation in industrial R&D laboratories. Graduate students may benefit from this book in both organic chemistry and preparation for industrial chemistry.

Download to continue reading...

Sourcebook of Advanced Organic Laboratory Preparations A Microscale Approach to Organic Laboratory Techniques (Brooks/Cole Laboratory Series for Organic Chemistry) Study Guide: Ace Organic Chemistry I - The EASY Guide to Ace Organic Chemistry I: (Organic Chemistry Study Guide, Organic Chemistry Review, Concepts, Reaction Mechanisms and Summaries) The Art of Examining and Interpreting Histologic Preparations: A Laboratory Manual and Study Guide for Histology Comprehensive Organic Transformations: A Guide to Functional Group Preparations, 2nd Edition Organic Functional Group Preparations, Second Edition: Volume 1 Safety-Scale Laboratory Experiments for Chemistry for Today (Brooks/Cole Laboratory Series for General, Organic, and Biochemistry) Safety-Scale Laboratory Experiments for Chemistry for Today (Cengage Laboratory Series for General, Organic, and Biochemistry) Experimental Organic Chemistry: A Miniscale & Microscale Approach (Cengage Learning Laboratory Series for Organic Chemistry) Organic Homemade Lotion Recipes - For All Skin Types (The Best Lotion DIY Recipes): Lotion Making For Beginners (organic lawn care manual, organic skin care, beauty and the beast) When The Grid Goes Down, Disaster Preparations and Survival Gear For Making Your Home Self-Reliant Decorative Cosmetics (A formulary of cosmetic preparations) (v. 1) Lexi-Comp's Pediatric Dosage Handbook: Including Neonatal Dosing, Drug Adminstration, & Extemporaneous Preparations The Analytical Chemistry of Cannabis: Quality Assessment, Assurance, and Regulation of Medicinal Marijuana and Cannabinoid Preparations (Emerging Issues in Analytical Chemistry) Chromatography: Basic Principles, Sample Preparations and Related Methods Compounding Sterile Preparations Tooth Preparations: Science & Art Kilimanjaro: A Complete Trekker's Guide: Ascent preparations, practicalities and trekking routes to the 'Roof of Africa' (Cicerone Mountain Walking) Davis's Comprehensive Handbook of Laboratory and Diagnostic Tests With Nursing Implications (Davis's Comprehensive Handbook of Laboratory & Diagnostic Tests With Nursing Implications (Davis's Comprehensive Handbook of Laboratory and Diagnostic Tests With Nursing Implications (Davis's Comprehensive Handbook of Laboratory & Diagnostic Tests With Nursing Implications (Davis's Comprehensive Handbook of Laboratory & Diagnostic Tests With Nursing Implications (Davis's Comprehensive Handbook of Laboratory & Diagnostic Tests With Nursing Implications (Davis's Comprehensive Handbook of Laboratory & Diagnostic Tests With Nursing Implications (Davis's Comprehensive Handbook of Laboratory & Diagnostic Tests With Nursing Implications (Davis's Comprehensive Handbook of Laboratory & Diagnostic Tests With Nursing Implications)

Contact Us

DMCA

Privacy

FAQ & Help