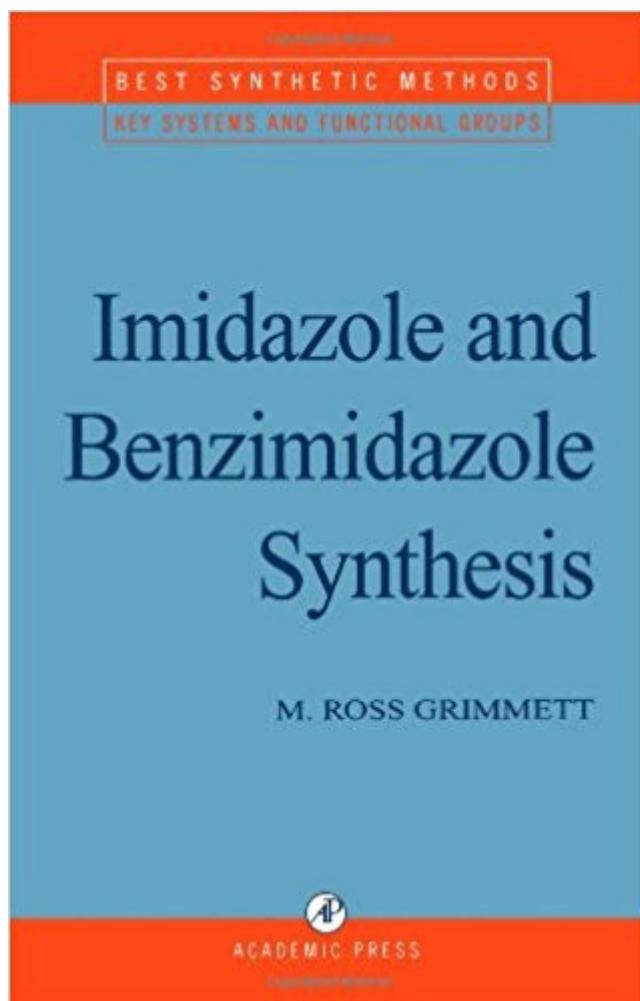


The book was found

Imidazole And Benzimidazole Synthesis (Best Synthetic Methods)



Synopsis

Imidazole and Benzimidazole Synthesis is a comprehensive survey of the known methods of syntheses and ring modification. It brings together the multitude of synthesis of the imidazole ring in a systemic way in terms of specific bond formation, and recommends the most attractive synthetic approaches. It also collects non-ring-synthetic approaches to classes of compounds such as nitro-, halogeno-, and amino-imidazoles, and covers the synthesis of N-substituted compounds and preparations of specific isomers. The only book in print dealing specifically with this topic

Comprehensive survey of the known methods of synthesis and ring modification

Recommends the most attractive synthetic approaches

Book Information

Series: Best Synthetic Methods

Hardcover: 265 pages

Publisher: Academic Press; 1 edition (June 26, 1997)

Language: English

ISBN-10: 0123031907

ISBN-13: 978-0123031907

Product Dimensions: 6.1 x 0.7 x 9.2 inches

Shipping Weight: 1.3 pounds (View shipping rates and policies)

Average Customer Review: 4.0 out of 5 stars 1 customer review

Best Sellers Rank: #3,451,911 in Books (See Top 100 in Books) #12 in Books > Science & Math > Chemistry > Organic > Heterocyclic #226 in Books > Science & Math > Chemistry > Clinical #1558 in Books > Science & Math > Chemistry > Industrial & Technical

Customer Reviews

Imidazoles and benzimidazoles are molecules of wide interest and importance, especially with regard to their pharmaceutical applications. This book surveys the known methods of synthesis and ring modification and presents recommendations for the most attractive synthetic approaches. It brings together the multitude of syntheses of the imidazole ring in a systematic way in terms of specific bond formation. The author also collects non-ring-synthetic approaches to classes of compounds such as nitro-halogeno-, amino-, and cyano-imidazoles and covers the syntheses of N-substituted compounds, and preparations of specific isomers. Full synthetic details are provided for selected compounds and tables of examples list percentage yields. An extensive list of references is included in each chapter and the index will direct readers to examples of specific

compound types throughout the book. There is vast and often bewildering array of synthetic methods and reagents available to organic chemists today. Many chemists have their own favoured methods, yet new and unfamiliar methods may well allow a particular synthetic step to be done more readily and in higher yield. *best Synthetic Methods* allows the practicing synthetic chemist to choose between all the alternatives, and assess their real advantages and limitations. Each volume deals concisely with a particular topic from a practical point of view, giving detailed examples and precise experimental directions and hints. With the emphasis on laboratory use, these volumes represent a comprehensive and practical guide to modern organic chemistry.

M. Ross Grimmett was born in Dunedin, New Zealand, and he was educated at Otago and Massey Universities in New Zealand. His major research interests have been agolo allagladions and studies of nucleophilic substitution. Alan Katritzky was educated at Oxford and has held faculty positions at Cambridge and East Anglia before he migrated in 1980 to the University of Florida, where he was Kenan Professor and Director for the Institute for Heterocyclic Compounds. During his career he has trained more than 1000 graduate students and post-docs, and lectured and consulted world-wide. He led the team, which produced "Comprehensive Heterocyclic Chemistry" and its sequels, "CHEC-II" and "CHEC-III", has edited "Advances in Heterocyclic Chemistry", Vols. 1 through 111; and conceived the plan for "Comprehensive Organic Functional Group Transformations". He founded Arkat-USA, a non-profit organization which publishes "Archive for Organic Chemistry" (ARKIVOC) an electronic journal completely free to authors and readers at (www.arkat-usa.org). Honors include 14 honorary doctorates from 11 countries and membership of foreign membership of the National Academies of Britain, Catalonia, India, Poland, Russia and Slovenia.

quickly. Nice and valuable. great, and very happy. my sister, This is a well made, very sharp product at a great price point. I'd definitely recommend it and would buy other products from the seller. Another nice touch is that the seller contacted me to ask if I was satisfied. I am.

[Download to continue reading...](#)

Imidazole and Benzimidazole Synthesis (Best Synthetic Methods) Hypervalent Iodine in Organic Synthesis (Best Synthetic Methods) Electroorganic Synthesis (Best Synthetic Methods) Handbook of Reagents for Organic Synthesis: Reagents for Heteroarene Synthesis (Hdbk of Reagents for Organic Synthesis) Quaternary Ammonium Salts: Their Use in Phase-Transfer Catalysis (Best Synthetic Methods) Borane Reagents (Best Synthetic Methods) Advanced Organic Chemistry: Part

B: Reaction and Synthesis: Reaction and Synthesis Pt. B Landmarking and Segmentation of 3D CT Images (Synthesis Lectures on Biomedical Engineering Synthesis Lectu) The Organic Chemistry of Drug Synthesis, Volume 3 (Organic Chemistry Series of Drug Synthesis) Enantioselective Chemical Synthesis: Methods, Logic, and Practice Organic Synthesis: Concepts and Methods Classics in Total Synthesis: Targets, Strategies, Methods Modern Catalytic Methods for Organic Synthesis with Diazo Compounds: From Cyclopropanes to Ylides New Methods of Polymer Synthesis Natural Organic Hair and Skin Care: Including A to Z Guide to Natural and Synthetic Chemicals in Cosmetics Sex, Lies, and Menopause: The Shocking Truth About Synthetic Hormones and the Benefits of Natural Alternatives CRC Handbook of Lubrication and Tribology, Volume III: Monitoring, Materials, Synthetic Lubricants, and Applications, Volume III Synthetic Lubricants And High-Performance Functional Fluids, Revised And Expanded (Chemical Industries) Synthetic Surfactant Vesicles: Niosomes and Other Non-Phospholipid Vesicular Systems (Drug Targeting and Delivery) What's in Your Cosmetics?: A Complete Consumer's Guide to Natural and Synthetic Ingredients

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)