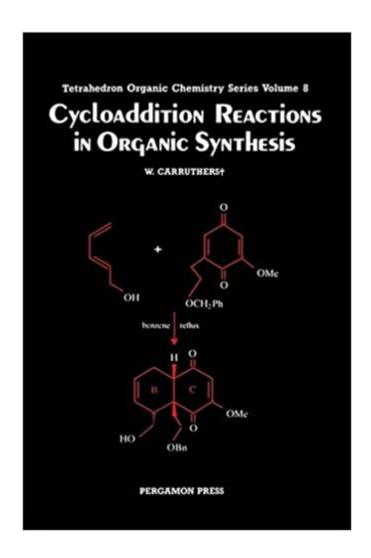


The book was found

Cycloaddition Reactions In Organic Synthesis, Volume 8 (Tetrahedron Organic Chemistry)





Synopsis

Demonstrates the wide scope of cycloaddition reactions, including the Diels-Alder reaction, the ene reaction, 1,3-dipolar cycloadditions and [2+2] cycloadditions in organic synthesis. The author, a leading exponent of the subject, illustrates the ways in which they can be employed in the synthesis of a wide range of carbocyclic and heterocyclic compounds, including a variety of natural products of various types. Special attention is given to intramolecular reactions, which often provide a rapid and efficient route to polycyclic compounds, and to the stereochemistry of the reactions, including recent and developing work on enantioselective synthesis.

Book Information

Series: Tetrahedron Organic Chemistry (Book 8)

Hardcover: 382 pages

Publisher: Pergamon; 1 edition (October 16, 1990)

Language: English

ISBN-10: 0080347134

ISBN-13: 978-0080347134

Product Dimensions: 7 x 0.9 x 10 inches

Shipping Weight: 1.8 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #6,089,194 in Books (See Top 100 in Books) #64 inà Â Books > Science &

Math > Chemistry > Organic > Reactions #150 in A A Books > Science & Math > Chemistry >

Organic > Synthesis #5008 inà Â Books > Medical Books > Medicine > Internal Medicine >

Pathology > Clinical Chemistry

Customer Reviews

This is an excellent explanatory book that looks at a structure building relationship of general use in organic chemistry. The book stylishly written and edited and will undoubtedly be of value to all those with an interest in this area of organic chemistry. Chemistry in BritainHerbert Waldmann, Institut $f\tilde{A}f\hat{A}$ r Organische Chemie, GermanyCarruther's book succeeds well in its aims. It contains a wealth of elegant and well-chosen examples, which are very well-suited for illustrating lectures to advanced students. At the same time it provides the interested synthetic chemist, whether in a university of industry, with an excellent overview of the current state of research (up to 1988). Thus the monograph fits well into the scheme of the other volumes in this "Organic Chemistry" series. Since no other comparable work exists at present, and this volume is also very attractively priced,

its purchase can be recommended unreservedly. Angewandte ChemieD W Knight...it provides an excellent introduction to cycloaddition reactions as well as the useful literature leads and it therefore should be readily available to all Postgraduate students working in synthetic organic chemistry. Journal of Chemical Technology & Biotechnology

Download to continue reading...

Cycloaddition Reactions in Organic Synthesis, Volume 8 (Tetrahedron Organic Chemistry) Organolithiums: Selectivity for Synthesis, Volume 23 (Tetrahedron Organic Chemistry) The Organic Chemistry of Drug Synthesis, Volume 3 (Organic Chemistry Series of Drug Synthesis) Palladium in Heterocyclic Chemistry, Volume 20: A Guide for the Synthetic Chemist (Tetrahedron 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) Methods and Applications of Cycloaddition Reactions in Organic Syntheses Handbook of Reagents for Organic Synthesis: Reagents for Heteroarene Synthesis (Hdbk of Reagents for Organic Synthesis) 1,3-Dipolar Cycloaddition Chemistry (General Heterocyclic Chemistry) Comprehensive Heterocyclic Chemistry on CD-ROM: The Structure, Reactions, Synthesis and Uses of Heterocyclic Compounds(Volume 8-Volume S) Advanced Organic Chemistry: Part B: Reaction and Synthesis: Reaction and Synthesis Pt. B The Chemistry of Heterocycles: Structures, Reactions, Synthesis, and Applications Cyclophane Chemistry: Synthesis, Structures and Reactions Comprehensive Heterocyclic Chemistry: The Structure, Reactions, Synthesis, and Uses of Heterocyclic Compounds Oxazoles: Synthesis, Reactions, and Spectroscopy, Part B (Chemistry of Heterocyclic Compounds: A Series Of Monographs) (v. 90) Strategic Applications of Named Reactions in Organic Synthesis Name Reactions and Reagents in Organic Synthesis Multicomponent Reactions in Organic Synthesis Click Reactions in Organic Synthesis Technique of Organic Chemistry: Investigation of Rates and Mechanisms of Reactions [Volume VIII- Parts 1 and 2] Explosive Reactions Lab Kit (Mad Science Explosive Reactions Lab Kit)

Contact Us

DMCA

Privacy

FAQ & Help