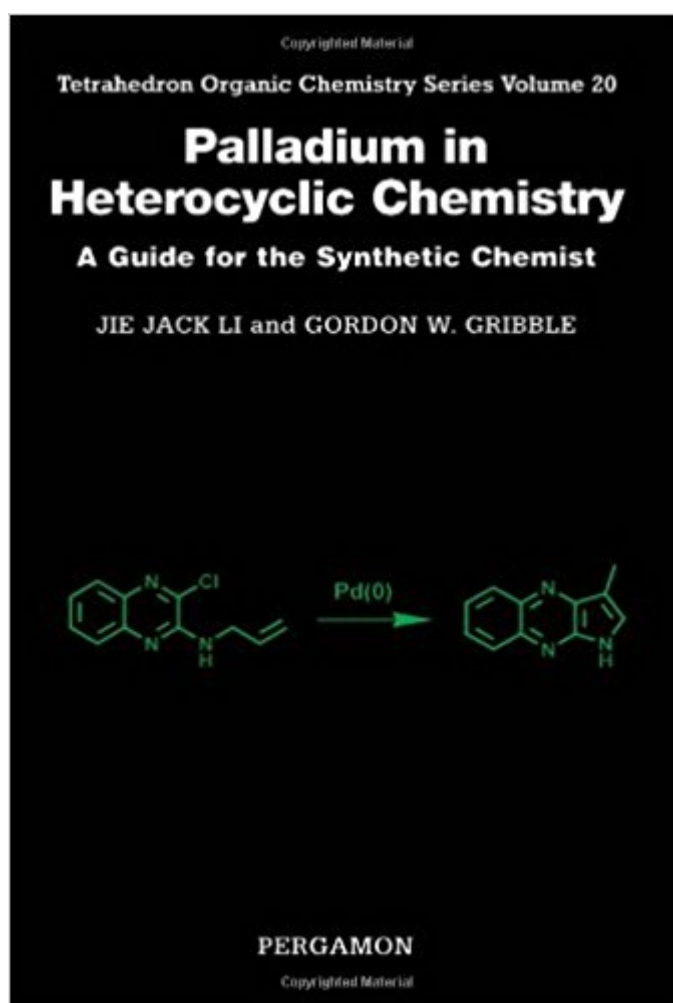


The book was found

Palladium In Heterocyclic Chemistry, Volume 20: A Guide For The Synthetic Chemist (Tetrahedron Organic Chemistry)



Synopsis

After an inordinately long induction period, organopalladium chemistry has finally been embraced by synthetic organic chemists. Currently, it is being utilized across the spectrum of organic synthesis, from applications to complex natural product syntheses to the synthesis of polymers. A substantial portion of organopalladium methodology has been developed in the context of heterocyclic chemistry and applications to heterocyclic syntheses abound. In this new book, Jack Li and Gordon Gribble have compiled an array of referenced examples of the use of palladium in heterocyclic chemistry. The book is organized by class of heterocycle (pyrroles, indoles, pyridines, etc.) and each chapter contains the syntheses of heterocyclic precursors, as well as details of uses of palladium to both synthesize and functionalize these heterocyclic systems.

Book Information

Series: Tetrahedron Organic Chemistry (Book 20)

Hardcover: 432 pages

Publisher: Pergamon; 1 edition (November 21, 2000)

Language: English

ISBN-10: 0080437052

ISBN-13: 978-0080437057

Product Dimensions: 1 x 6.8 x 9.5 inches

Shipping Weight: 2.2 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 1 customer review

Best Sellers Rank: #6,936,951 in Books (See Top 100 in Books) #22 in [Books > Science & Math > Chemistry > Organic > Heterocyclic](#) #2406 in [Books > Science & Math > Chemistry > Physical & Theoretical > Physical Chemistry](#) #5654 in [Books > Medical Books > Medicine > Internal Medicine > Pathology > Clinical Chemistry](#)

Customer Reviews

Gordon Gribble is the Dartmouth Professor of Chemistry at Dartmouth College, Hanover, USA. His research program covers several areas of organic chemistry, most of which involve synthesis, including novel indole chemistry, triterpenoid synthesis, DNA intercalation, and new synthetic methodology. Prof Gribble also has a deep interest in naturally occurring organohalogen compounds, and in the chemistry of wine and wine making. --This text refers to an out of print or unavailable edition of this title.

This is an excellent book for those who are wanting to learn a little about organometallic coupling reactions using palladium. It covers some classic reactions such as the Heck, Sano, and Shirahata reactions. The book has an excellent introductory chapter on the mechanisms and the book follows a chapter by chapter discussion of the reactions and their uses with many of the common heterocycles, such as pyrroles, imidazoles, etc. An excellent book for anyone with a solid year of organic chemistry.

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

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) Strategies for Palladium-Catalyzed Non-directed and Directed C-H Bond Functionalization (Latest Trends in Palladium Chemistry) Cycloaddition Reactions in Organic Synthesis, Volume 8 (Tetrahedron Organic Chemistry) Organolithiums: Selectivity for Synthesis, Volume 23 (Tetrahedron Organic Chemistry) Advances in Heterocyclic Chemistry, Volume 120: Heterocyclic Chemistry in the 21st Century: A Tribute to Alan Katritzky Comprehensive Heterocyclic Chemistry on CD-ROM: The Structure, Reactions, Synthesis and Uses of Heterocyclic Compounds (Volume 8-Volume S) The Chemistry of Heterocyclic Compounds, The Pyrazines Supplement I (Chemistry of Heterocyclic Compounds: A Series Of Monographs, Vol. 58) Comprehensive Heterocyclic Chemistry : Comprehensive Heterocyclic Chemistry, Six-Membered Rings With One Nitrogen Atom Comprehensive Heterocyclic Chemistry : Comprehensive Heterocyclic Chemistry, Five-Membered Rings with Oxygen, Sulfur or Two or More Nitrogen Atoms Aminomethylenemalonates and Their Use in Heterocyclic Synthesis (Advances in Heterocyclic Chemistry, Volume 54) QSAR and Molecular Modeling Studies in Heterocyclic Drugs I (Topics in Heterocyclic Chemistry) (v. 1) Comprehensive Heterocyclic Chemistry: The Structure, Reactions, Synthesis, and Uses of Heterocyclic Compounds Progress in Heterocyclic Chemistry: A Critical Review of the 1999 Literature Preceded by Three Chapters on Current Heterocyclic Topics: 12 Practical Synthetic Organic Chemistry Reactions, Principles, and Techniques [Wiley, 2011] [Paperback] Heterocyclic Compounds: Volume 4 (Comprehensive Organic Chemistry) The Organic Chemistry of Drug Synthesis, Volume 3 (Organic Chemistry Series of Drug Synthesis) Natural Organic Hair and Skin Care: Including A to Z Guide to Natural and Synthetic Chemicals in Cosmetics Hypervalent Iodine in Organic Synthesis (Best Synthetic Methods) Synthetic Organic Electrochemistry, 2nd Edition

Contact Us

DMCA

Privacy

FAQ & Help