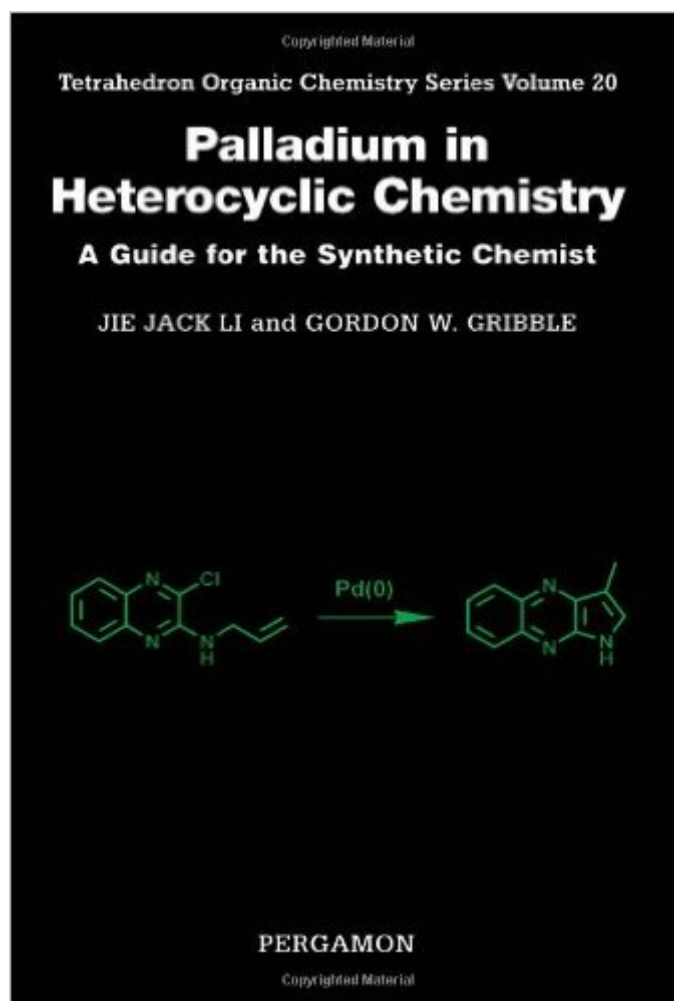


The book was found

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

Average Customer Review: 5.0 out of 5 stars [See all reviews](#) (1 customer review)

Best Sellers Rank: #7,267,064 in Books (See Top 100 in Books) #32 in [Books > Science & Math > Chemistry > Organic > Heterocyclic](#) #2884 in [Books > Science & Math > Chemistry > Physical & Theoretical > Physical Chemistry](#) #6122 in [Books > Medical Books > Medicine > Internal Medicine > Pathology > Clinical Chemistry](#)

Customer Reviews

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, shanogashira 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) Cycloaddition Reactions in Organic Synthesis, Volume 8 (Tetrahedron Organic Chemistry) Ace Organic Chemistry I: The EASY Guide to Ace Organic Chemistry I: (Organic Chemistry Study Guide, Organic Chemistry Review, Concepts, Reaction Mechanisms and Summaries) Organolithiums: Selectivity for Synthesis, Volume 23 (Tetrahedron Organic Chemistry) The Chemistry of Heterocyclic Compounds, Monoterpenoid Indole Alkaloids - Supplement (Chemistry of Heterocyclic Compounds: A Series Of Monographs) (Volume 25) The Chemistry of Heterocyclic Compounds, Isoquinolines (Chemistry of Heterocyclic Compounds: A Series Of Monographs) (Volume 38) The Chemistry of Heterocyclic Compounds, Condensed Imidazoles, 5-5 Ring Systems (Chemistry of Heterocyclic Compounds: A Series Of Monographs) (Volume 46) The Chemistry of Heterocyclic Compounds, Quinoxalines: Supplement II (Chemistry of Heterocyclic Compounds: A Series Of Monographs) (Volume 61) The Chemistry of Heterocyclic Compounds, Oxazoles (Chemistry of Heterocyclic Compounds: A Series Of Monographs) (Volume 45) The Chemistry of Heterocyclic Compounds, Oxazoles: Synthesis, Reactions, and Spectroscopy, Part B (Chemistry of Heterocyclic Compounds: A Series Of Monographs) (Volume 60) The Chemistry of Heterocyclic Compounds, The Pyrimidines (Chemistry of Heterocyclic Compounds: A Series Of Monographs) (Volume 52) The Chemistry of Heterocyclic Compounds, Indoles: The Monoterpenoid Indole Alkaloids (Chemistry of Heterocyclic Compounds: A Series Of Monographs) (Volume 25) The Chemistry of Heterocyclic Compounds, Fused Pyrimidines: Pteridines (Chemistry of Heterocyclic Compounds: A Series Of Monographs) (Volume 24) Comprehensive Heterocyclic Chemistry on CD-ROM: The Structure, Reactions, Synthesis and Uses of Heterocyclic Compounds (Volume 8-Volume S) Palladium Reagents and Catalysts: Innovations in Organic Synthesis 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 The Chemistry of Heterocyclic Compounds, The Pyrazines Supplement I (Chemistry of Heterocyclic Compounds: A Series Of Monographs, Vol. 58) Physical Methods in Heterocyclic Chemistry (General Heterocyclic Chemistry) Aminomethylenemalonates and Their Use in Heterocyclic Synthesis (Advances in Heterocyclic Chemistry, Volume 54)