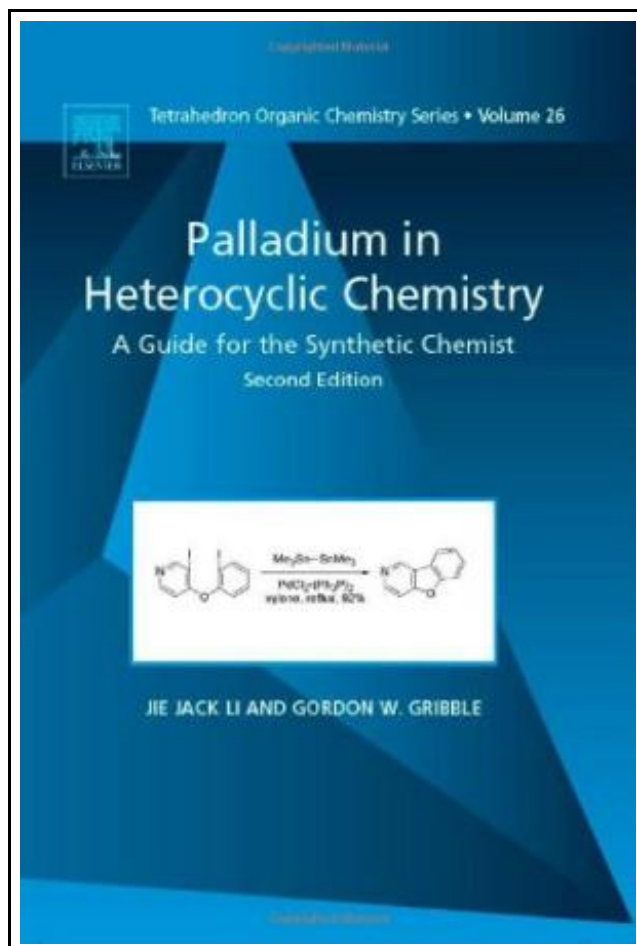


Palladium in Heterocyclic Chemistry: A Guide for the Synthetic Chemist



Filesize: 4.51 MB

Reviews

This publication is wonderful. I have got study and so i am confident that i am going to likely to read once again once more down the road. Its been designed in an exceedingly straightforward way which is only soon after i finished reading this ebook by which actually altered me, change the way i think.
(Woodrow Labadie)

PALLADIUM IN HETEROCYCLIC CHEMISTRY: A GUIDE FOR THE SYNTHETIC CHEMIST



Elsevier Science & Technology. Paperback. Book Condition: New. Paperback. 658 pages. Dimensions: 9.3in. x 6.5in. x 1.1in. Palladium chemistry, despite its immaturity, has rapidly become an indispensable tool for synthetic organic chemists. Heterocycles are of paramount importance in the pharmaceutical industry and palladium chemistry is one of the most novel and efficient ways of making heterocycles. Today, palladium-catalyzed coupling is the method of choice for the synthesis of a wide range of biaryls and heterobiaryls. The number of applications of palladium chemistry to the syntheses of heterocycles has grown exponentially. These developments highlight the need for a monograph dedicated solely to the palladium chemistry in heterocycles and this book provides a comprehensive explanation of the subject. The principal aim of the book is to highlight important palladium-mediated reactions of heterocycles with emphasis on the unique characteristics of individual heterocycles. 1. Palladium chemistry of heterocycles has its idiosyncrasies stemming from their different structural properties from the corresponding carbocyclic aryl compounds. Even activated chloroheterocycles are sufficiently reactive to undergo Pd-catalyzed reactions. As a consequence of α and β activation of heteroaryl halides, Pd-catalyzed chemistry may take place regioselectively at the activated positions, a phenomenon rarely seen in carbocyclic aryl halides. In addition, another salient peculiarity in palladium chemistry of heterocycles is the so-called heteroaryl Heck reaction. For instance, while intermolecular palladium-catalyzed arylations of carbocyclic arenes are rare, palladium-catalyzed arylations of azoles and many other heterocycles readily take place. Therefore, the principal aim of this book is to highlight important palladium-mediated reactions of heterocycles with emphasis on the unique characteristics of individual heterocycles. 2. A myriad of heterocycles are biologically active and therefore of paramount importance to medicinal and agricultural chemists. Many heterocycle-containing natural products (they are highlighted in boxes throughout the text) have elicited great interest from both academic and industrial...



[Read Palladium in Heterocyclic Chemistry: A Guide for the Synthetic Chemist Online](#)



[Download PDF Palladium in Heterocyclic Chemistry: A Guide for the Synthetic Chemist](#)

Related Kindle Books



Shepherds Hey, Bfms 16: Study Score

Petrucci Library Press. Paperback. Book Condition: New. Paperback. 22 pages. Dimensions: 9.4in. x 7.1in. x 0.0in.Percy Grainger, like his contemporary Bela Bartok, was intensely interested in folk music and became a member of the English...

[Download Book »](#)



Multiple Streams of Internet Income

Wiley. Hardcover. Book Condition: New. Hardcover. 279 pages. Dimensions: 9.3in. x 6.2in. x 1.2in.Praise for MULTIPLE STREAMS OF INTERNET INCOMEIf ever the world needed some help to succeed on the Internet, this is the moment....

[Download Book »](#)



The Mystery at Draculas Castle: Transylvania, Romania

Around the World in 80 Mysteries. Paperback. Book Condition: New. Paperback. 133 pages. Dimensions: 7.3in. x 5.1in. x 0.9in.When you purchase the Library Bound mystery you will receive FREE online eBook access! Carole Marsh Mystery...

[Download Book »](#)



The Voracious Volcano Mystery Masters of Disasters Numbered

Gallopade International. Paperback. Book Condition: New. Paperback. 118 pages. Dimensions: 7.3in. x 5.1in. x 0.6in.When you purchase the Library Bound mystery you will receive FREE online eBook access! Carole Marsh Mystery Online eBooks are an...

[Download Book »](#)



Dear Bats The Creepy Cave Caper Carole Marsh Mysteries

Gallopade International. Paperback. Book Condition: New. Paperback. 115 pages. Dimensions: 7.3in. x 5.1in. x 0.5in.When you purchase the Library Bound mystery you will receive FREE online eBook access! Carole Marsh Mystery Online eBooks are an...

[Download Book »](#)