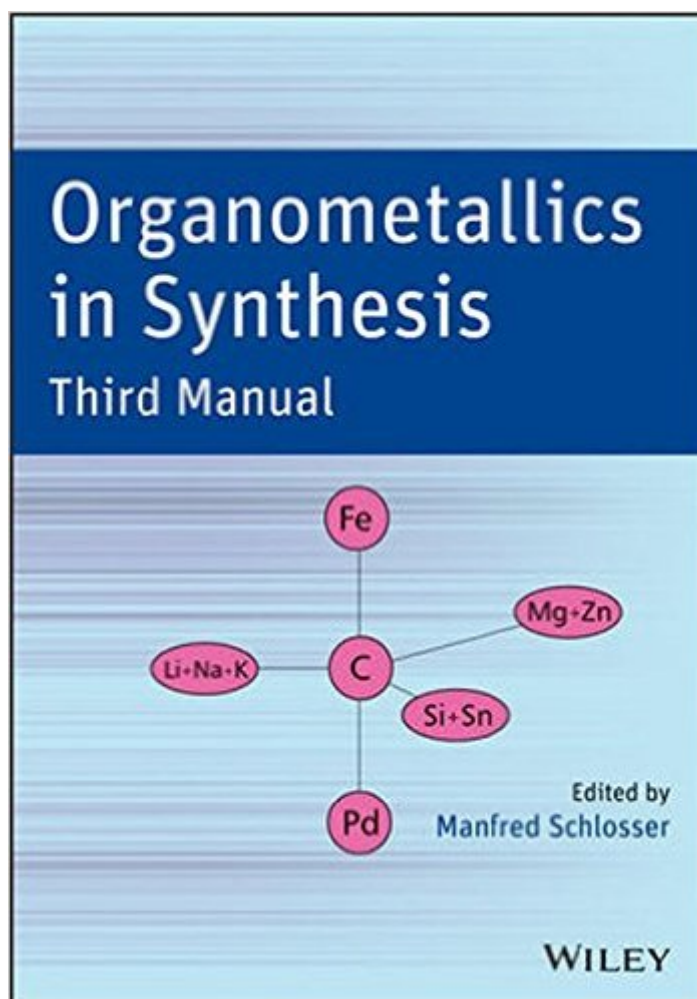


The book was found

Organometallics In Synthesis, Third Manual



Synopsis

WINNER of the 2013 PROSE Award in Chemistry & Physics This latest edition enables readers to master new classes of organometallic compounds and syntheses A popular resource used by synthetic organic chemists around the world, this book enables readers to conduct seamless synthetic reactions involving key organometallics. Each reaction is set forth in the book's acclaimed recipe-style format so that readers can easily replicate the results in their own labs. Moreover, each chapter has been written by a world leader in the field of organometallics in organic synthesis. These authors offer hands-on guidance and practical examples illustrating the preparation of organometallics and its application in organic synthesis. This Third Manual of Organometallics in Synthesis features completely new content and topics, with an eye towards providing researchers with the most useful and practical reference on the synthesis of organometallics. Organized into chapters by type of organometallic compound, the book covers: Organoalkali chemistry Organomagnesium and organozinc chemistry Organosilicon and relating organotin chemistry Organoiron chemistry Organopalladium chemistry Within each chapter, readers will find background information to learn more about the class of organometallics as well as mechanistic considerations. The authors thoroughly discuss the various methods of preparing the organometallic compounds presented in the book and outline their uses in synthetic reactions. In addition to current applications, the authors explore future research opportunities for each organometallic class. References at the end of each chapter enable readers to explore all the topics in greater depth. More and more industrial processes rely on organometallic chemistry. As a result, readers will find this book's step-by-step instructions essential in such fields as natural product synthesis, pharmaceuticals, fine chemicals, biotechnology, polymers, and materials science.

Book Information

Paperback: 1026 pages

Publisher: Wiley; 1 edition (April 15, 2013)

Language: English

ISBN-10: 047012217X

ISBN-13: 978-0470122174

Product Dimensions: 7 x 1.8 x 10 inches

Shipping Weight: 3.8 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #3,454,522 in Books (See Top 100 in Books) #72 in Books > Science & Math

> Chemistry > Organic > Organometallic Compounds #690 inÂ Books > Science & Math > Chemistry > Inorganic #1643 inÂ Books > Science & Math > Chemistry > Industrial & Technical

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

Organometallics in Synthesis, Third Manual Organometallics in Synthesis: Fourth Manual Organometallics in Organic Synthesis (Volume 1) Third Eye: Awakening Your Third Eye Chakra: Beginner's Guide (Third Eye, Third Eye Chakra, Third Eye Awakening, Chakras) Third Eye: Third Eye Activation Secrets (Third Eye Awakening, Pineal Gland, Third Eye Chakra, Open Third Eye) Organometallics Laser Chemistry of Organometallics (ACS Symposium Series) Organometallics and Catalysis Organometallics 1: Complexes with Transition Metal-Carbon *s-bonds (Oxford Chemistry Primers) (Vol 1) Organometallics: A Concise Introduction The Organic Chemistry of Drug Synthesis, Volume 3 (Organic Chemistry Series of Drug Synthesis) Third Eye Awakening: The Ultimate Guide on How to Open Your Third Eye Chakra to Experience Higher Consciousness and a State of Enlightenment (Third Eye, Pineal Gland, Chakra, Kundalini) Analysis, Synthesis and Design of Chemical Processes (3rd Edition) 3rd (third) Edition by Turton, Richard, Bailie, Richard C., Whiting, Wallace B., Sh [2009] Structural Analysis and Synthesis: A Laboratory Course in Structural Geology 3rd (third) edition by Rowland, Stehen M., Duebendorfer, Ernest M., Schiefelbein, I published by Wiley-Blackwell (2007) [Spiral-bound] Synthesis and Technique in Inorganic Chemistry: A Laboratory Manual Polymer Synthesis and Characterization: A Laboratory Manual Computer Organization and Design, Third Edition: The Hardware/Software Interface, Third Edition (The Morgan Kaufmann Series in Computer Architecture and Design) What Your Third Grader Needs to Know (Revised and Updated): Fundamentals of a Good Third-Grade Education (Core Knowledge Series) Ethnicity and Family Therapy, Third Edition by Monica McGoldrick Published by The Guilford Press 3rd (third) edition (2005) Hardcover Third Eye Awakening: 5 Techniques to Awaken the Third Eye Chakra

[Dmca](#)