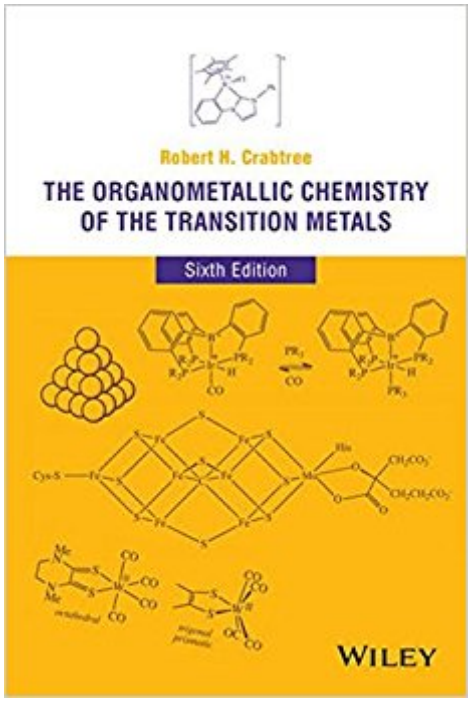
The Organometallic Chemistry Of The Transition Metals



Synopsis

Fully updated and expanded to reflect recent advances, the sixth edition of this bestselling text provides students and professional chemists with a comprehensive introduction to the principles and general properties of organometallic compounds, as well as including practical information on reaction mechanisms and detailed descriptions of contemporary applications. Increased focus is given to organic synthesis applications, nanoparticle science, and green chemistry. This edition features: New sections on Multifunctional Ligands, Oxidation Catalysis, and Green Chemistry Expanded discussion on topics from the fifth edition: Supramolecular Chemistry, N-Heterocyclic Carbenes, Coupling Reactions, Organometallic Materials, Applications to Organic Synthesis, and Bioorganometallic Chemistry End-of-chapter problems and their solutions

Book Information

Hardcover: 520 pages

Publisher: Wiley; 6 edition (April 21, 2014)

Language: English

ISBN-10: 1118138074

ISBN-13: 978-1118138076

Product Dimensions: 6.2 x 1.3 x 9.2 inches

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

Average Customer Review: 4.6 out of 5 stars 8 customer reviews

Best Sellers Rank: #233,274 in Books (See Top 100 in Books) #48 inÃ Â Books > Engineering & Transportation > Engineering > Materials & Material Science > Metallurgy #159 inÃ Â Books > Science & Math > Chemistry > Physical & Theoretical #298 inÃ Â Books > Engineering & Transportation > Engineering > Bioengineering > Biochemistry

Customer Reviews

Ã¢â ¬Å“Overall, this book is an insightful, detailed and, most importantly, up-to-date view of organometallic chemistry.Ã¢â ¬Â•Ã Â (Applied Organometallic Chemistry, 14 November 2014) Ã Â

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Increased focus is given to organic synthesis applications, nanoparticle science, and green chemistry. This edition includes new sections on Multifunctional Ligands, Oxidation Catalysis, andÃ Â Green Chemistry. From the fifth edition, discussion on the following topics has been expanded: Supramolecular Chemistry, N-Heterocyclic Carbenes, Coupling Reactions, Organometallic Materials, Applications to Organic Synthesis, and Bioorganometallic Chemistry.

Very good introduction to organometallic chemistry. The solutions to the chapter problems are nice, but I wish they were in depth. However, the material is thorough and gives a great range of organometallics.

Being my first Organometallic class, the book seems good.

I enjoyed the Crabtree's most recent edition with more added examples in the organic application chapters to demonstrate the various applications of the metal-contained catalysts which also provide promient inorganic perspective for the organic transformations

Great book! It's easy to understand and follow the examples. The book gives a good overview of coordination chemistry in the first chapter.

This seems to be a better explanation of the Transition Metals than some of the other books.

Book came as new. Did not seem like it had ever been opened. No markings as well. Excellent purchase.

Book has black spots on a side but no writing inside. Good quality.

good price in great condition

Transition Metals in Organic Synthesis: A Practical Approach (The Practical Approach in Chemistry Series) Applied Organometallic Chemistry and Catalysis (Oxford Chemistry Primers) Transition Metals in the Synthesis of Complex Organic Molecules Organic Synthesis Using Transition Metals Mathematical Proofs: A Transition to Advanced Mathematics (3rd Edition) (Featured Titles for Transition to Advanced Mathematics) Nursing Today: Transition and Trends, 8e (Nursing Today: Transition & Trends (Zerwekh)) 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) Ace General Chemistry I and II (The EASY Guide to Ace General Chemistry I and II): General Chemistry Study Guide, General Chemistry Review Molecular Visions (Organic, Inorganic, Organometallic) Molecular Model Kit #1 by Darling Models to accompany Organic Chemistry Basic Organometallic Chemistry: Concepts, Syntheses and Applications Organometallic Chemistry Comprehensive Organometallic Chemistry III: Volume 1: Introduction - Fundamentals Silicon in Organic, Organometallic, and Polymer Chemistry NMR in Organometallic Chemistry