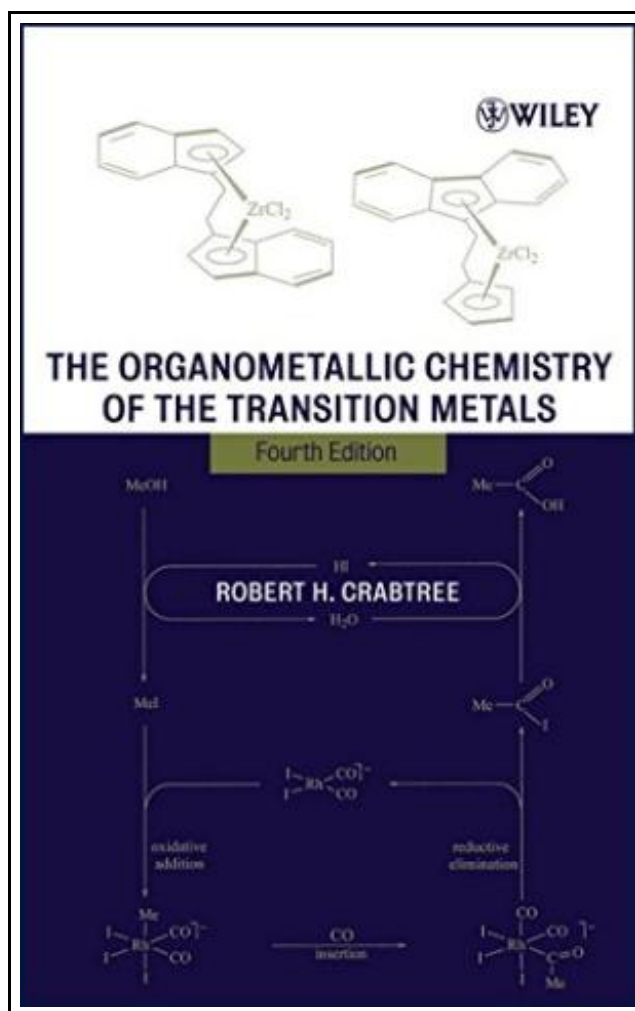


The Organometallic Chemistry of the Transition Metals, 4th Edition



Filesize: 8.11 MB

Reviews

It is really an remarkable book which i have ever go through. It can be writer in simple terms and not difficult to understand. I am just effortlessly can get a enjoyment of reading a composed pdf.
(Dr. Lily Wunsch II)

THE ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS, 4TH EDITION

DOWNLOAD



To download **The Organometallic Chemistry of the Transition Metals, 4th Edition** PDF, make sure you refer to the link listed below and download the file or have accessibility to other information that are relevant to THE ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS, 4TH EDITION ebook.

Wiley-Interscience, 2005. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Preface. List of Abbreviations. 1 Introduction. 1.1 Werner Complexes. 1.2 The Trans Effect. 1.3 Soft Versus Hard Ligands. 1.4 The Crystal Field. 1.5 The Ligand Field. 1.6 Back Bonding. 1.7 Electroneutrality. 1.8 Types of Ligand. 2 General Properties of Organometallic Complexes. 2.1 The 18-Electron Rule. 2.2 Limitations of the 18-Electron Rule. 2.3 Electron Counting in Reactions. 2.4 Oxidation State. 2.5 Coordination Number and Geometry. 2.6 Effects of Complexation. 2.7 Differences between Metals. 2.8 Outer-Sphere Coordination. 3 Metal Alkyls, Aryls, and Hydrides and Related π -Bonded Ligands. 3.1 Transition Metal Alkyls and Aryls. 3.2 Related π -Bonded Ligands. 3.3 Metal Hydride Complexes. 3.4 π Complexes. 3.5 Bond Strengths for Classical π -Bonding Ligands. 4 Carbonyls, Phosphine Complexes, and Ligand Substitution Reactions. 4.1 Metal Complexes of CO, RNC, CS, and NO. 4.2 Phosphines and Related Ligands. 4.3 Dissociative Substitution. 4.4 Associative Mechanism. 4.5 Redox Effects, the I Mechanism, and Rearrangements in Substitution. 4.6 Photochemical Substitution. 4.7 Steric and Solvent Effects in Substitution. 5 Complexes of π -Bound Ligands. 5.1 Alkene and Alkyne Complexes. 5.2 Allyl Complexes. 5.3 Diene Complexes. 5.4 Cyclopentadienyl Complexes. 5.5 Arenes and Other Alicyclic Ligands. 5.6 Metalacycles and Isoelectronic and Isolobal Replacement. 5.7 Stability of Polyene and Polyenyl Complexes. 6 Oxidative Addition and Reductive Elimination. 6.1 Concerted Additions. 6.2 S_N2 Reactions. 6.3 Radical Mechanisms. 6.4 Ionic Mechanisms. 6.5 Reductive Elimination. 6.6 π -Bond Metathesis. 6.7 Oxidative Coupling and Reductive Cleavage. 7 Insertion and Elimination. 7.1 Reactions Involving CO. 7.2 Insertions Involving Alkenes. 7.3 Other Insertions. 7.4 π , π , π , and π Elimination. 8 Nucleophilic and Electrophilic Addition and Abstraction. 8.1 Nucleophilic Addition to CO. 8.2 Nucleophilic Addition to Polyene and Polyenyl Ligands. 8.3 Nucleophilic Abstraction in Hydrides, Alkyls, and Acyls. 8.4 Electrophilic Addition. 8.5 Electrophilic Abstraction of Alkyl...



[Read The Organometallic Chemistry of the Transition Metals, 4th Edition Online](#)



[Download PDF The Organometallic Chemistry of the Transition Metals, 4th Edition](#)

Other eBooks



[PDF] Grandpa Spanielson's Chicken Pox Stories: Story #1: The Octopus (I Can Read Book 2)

Follow the link below to download and read "Grandpa Spanielson's Chicken Pox Stories: Story #1: The Octopus (I Can Read Book 2)" PDF file.

[Save Book »](#)



[PDF] The Web Collection Revealed, Premium Edition: Adobe Dreamweaver CS6, Flash CS6, and Photoshop CS6 (Stay Current with Adobe Creative Cloud)

Follow the link below to download and read "The Web Collection Revealed, Premium Edition: Adobe Dreamweaver CS6, Flash CS6, and Photoshop CS6 (Stay Current with Adobe Creative Cloud)" PDF file.

[Save Book »](#)



[PDF] Star Flights Bedtime Spaceship: Journey Through Space While Drifting Off to Sleep

Follow the link below to download and read "Star Flights Bedtime Spaceship: Journey Through Space While Drifting Off to Sleep" PDF file.

[Save Book »](#)



[PDF] Maisy's Christmas Tree

Follow the link below to download and read "Maisy's Christmas Tree" PDF file.

[Save Book »](#)



[PDF] I Am Reading: Nurturing Young Children's Meaning Making and Joyful Engagement with Any Book (Paperback)

Follow the link below to download and read "I Am Reading: Nurturing Young Children's Meaning Making and Joyful Engagement with Any Book (Paperback)" PDF file.

[Save Book »](#)



[PDF] Help! I'm a Baby Boomer (Battling for Christian Values Inside America's Largest Generation)

Follow the link below to download and read "Help! I'm a Baby Boomer (Battling for Christian Values Inside America's Largest Generation)" PDF file.

[Save Book »](#)