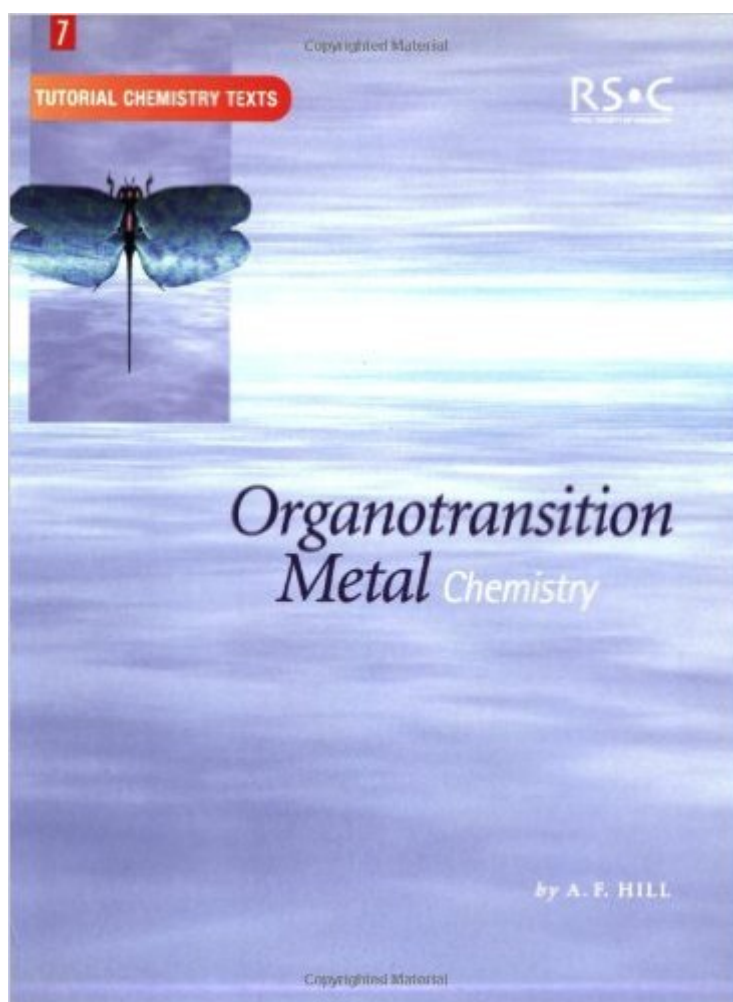


The book was found

# Organotransition Metal Chemistry



## Synopsis

What do a pharmaceutical, polymer and solid state chemist have in common? Organometallic chemistry of course, since progress in their diverse fields has at many times relied on this. It is a discipline which stands at the crossroads of so many branches of chemistry, with industrial applications ranging from the gram to megatonne scale. This book aims to introduce undergraduates to the utility of organotransition metal chemistry, a discipline of importance to scientists and technologists in a variety of industry sectors. The main focus will be on the reactivity of organometallic compounds of the transition metals, supported by discussion of structure and bonding and their implications. The aim, on completion of the course, is that a student will be equipped to recognize the key classes of organometallic compounds, their methods of characterization, possible synthetic routes and anticipated reactivity. Ideal for the needs of undergraduate chemistry students, Tutorial Chemistry Texts is a major series consisting of short, single topic or modular texts concentrating on the fundamental areas of chemistry taught in undergraduate science courses. Each book provides a concise account of the basic principles underlying a given subject, embodying an independent-learning philosophy and including worked examples.

## Book Information

Series: Tutorial Chemistry Texts (Book 7)

Paperback: 192 pages

Publisher: Royal Society of Chemistry; 1 edition (February 28, 2002)

Language: English

ISBN-10: 0854046224

ISBN-13: 978-0854046225

Product Dimensions: 7.4 x 0.4 x 9.7 inches

Shipping Weight: 14.9 ounces (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #4,985,281 in Books (See Top 100 in Books) #118 in Books > Science & Math > Chemistry > Organic > Organometallic Compounds #1694 in Books > Science & Math > Chemistry > Physical & Theoretical > Physical Chemistry #13186 in Books > Textbooks > Science & Mathematics > Chemistry

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

Organotransition Metal Chemistry: From Bonding to Catalysis Principles and Applications of

Organotransition Metal Chemistry Organotransition Metal Chemistry: Fundamental Concepts and Applications Organotransition Metal Chemistry Metal-Ligand Multiple Bonds: The Chemistry of Transition Metal Complexes Containing Oxo, Nitrido, Imido, Alkylidene, or Alkylidyne Ligands Metal Detecting: Without A Detector: How To Find Treasure When You Can't Use Your Metal Detector (Gold, Coins & Jewelry) The Metal Lathe (Build Your Own Metal Working Shop From Scrap Series Book 2) Blacksmithing: 15 Modern DIY Metal Projects for Beginners: (Blacksmithing, Metal Work) (Knife Making, Bladesmith) Learn to Weld: Beginning MIG Welding and Metal Fabrication Basics - Includes techniques you can use for home and automotive repair, metal fabrication projects, sculpture, and more Building Fences of Wood, Stone, Metal, & Plants: Making Fence with Wood, Metal, Stone and Living Plants Manual De Torno Para Metal: Torno Para Metal (Coleccion Como Hacer Bien Y Facilmente) (Spanish Edition) Metal Ions in Biological Systems: Volume 29: Biological Properties of Metal Alkyl Derivatives The Privileged Pincer-Metal Platform: Coordination Chemistry & Applications (Topics in Organometallic Chemistry) Landmarks in Organo-Transition Metal Chemistry: A Personal View (Profiles in Inorganic 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) Ace General Chemistry I and II (The EASY Guide to Ace General Chemistry I and II): General Chemistry Study Guide, General Chemistry Review Ace General Chemistry I: The EASY Guide to Ace General Chemistry I: (General Chemistry Study Guide, General Chemistry Review) The Mechanisms of Reactions at Transition Metal Sites (Oxford Chemistry Primers) The Chemistry of Metal-Organic Frameworks: Synthesis, Characterization, and Applications Organometallics 1: Complexes with Transition Metal-Carbon \*s-bonds (Oxford Chemistry Primers) (Vol 1)

[Dmca](#)