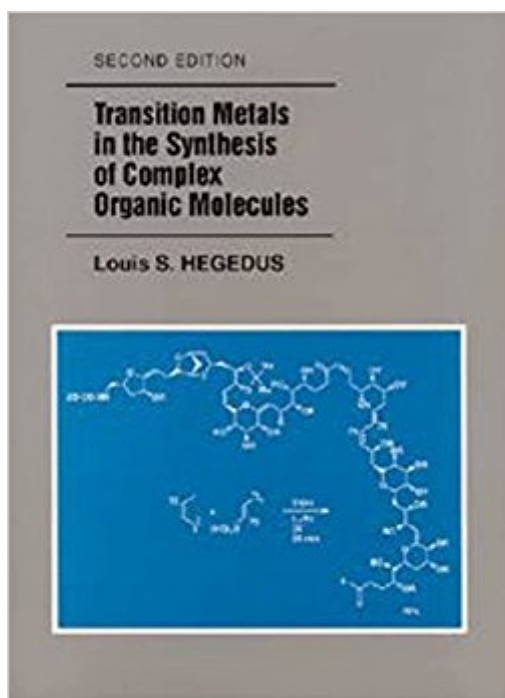


The book was found

# Transition Metals In The Synthesis Of Complex Organic Molecules



## Synopsis

This text is designed as an easy access to the field of organotransition metal chemistry for advanced undergraduate and graduate students without a background in inorganic chemistry. The book first covers the basics of transition metal chemistry, giving a practical introduction to organometallic reaction mechanisms. The organic chemistry of transition metals is then presented, with many examples of applications in the synthesis of natural products, pharmaceuticals, polymers and materials.

## Book Information

Paperback: 352 pages

Publisher: University Science Books; 2nd edition (June 2, 1999)

Language: English

ISBN-10: 1891389041

ISBN-13: 978-1891389047

Product Dimensions: 11 x 8.6 x 1.2 inches

Shipping Weight: 2.1 pounds

Average Customer Review: 4.8 out of 5 stars 8 customer reviews

Best Sellers Rank: #835,758 in Books (See Top 100 in Books) #12 in [Books > Science & Math > Chemistry > Organic > Organometallic Compounds](#) #2703 in [Books > Textbooks > Science & Mathematics > Chemistry](#)

## Customer Reviews

"An excellent resource for an advanced undergraduate or first-year graduate course in organometallic chemistry." -- Choice  
"Excellent for the practicing synthetic organic chemist--exactly what is needed!" -- Jack Norton, Columbia University  
"particularly suitable as a textbook for an advanced undergraduate course in organometallic chemistry" -- Journal of Chemical Education, April 2000

Louis S. Hegedus is John K. Stille emeritus Professor of Chemistry at Colorado State University.

Bjorn C. G. Soderberg is Professor of Chemistry at the West Virginia University. --This text refers to the Hardcover edition.

Very clear explanation of an advanced organometallic chemistry. There are many new citations and schemes. In addition, almost each reaction is written with mechanism! Very good price. Its

hardcover, but the book is not so heavy like other hard cover books, so you can read it in a bed.

quite new, quite book.

This book was great value and in superb condition on arrival. I'll definitely recommend it and I will be purchasing from here in the future!

Hegedus does an excellent job of outlining the broad field of organometallic chemistry. He covers a vast range of topics, providing the reader with a strong background in the subject area. He utilizes current literature examples to demonstrate the use and importance of the topics presented. Overall, this is a very well written book, and a great reference.

The growth of organometallics is amazing, so we want a systematic book to introduce the developments, and this one is very suitable. Hegedus introduced many new synthetic technology in this book, and they are very useful for chemists research work.

Although very similar in organisation to the classical Collmann-Hegedus book on Organometallic Chemistry, this book is interesting in that it collects recent examples of organic stnthesis that take advantage from organotransition compounds.

Hegedus has blended theory perfectly with synthetic utility of transition metals. The second addition has a lot more updated, state-of-art examples in synthesis.

This book is good for ones who want to learn an advanced organotransition metal. It contains many useful examples.

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

Transition Metals in the Synthesis of Complex Organic Molecules The Periodic Table of Elements - Alkali Metals, Alkaline Earth Metals and Transition Metals | Children's Chemistry Book Handbook of Reagents for Organic Synthesis: Reagents for Heteroarene Synthesis (Hdbk of Reagents for Organic Synthesis) Organic Synthesis Using Transition Metals Transition Metals in Organic Synthesis: A Practical Approach (The Practical Approach in Chemistry Series) The Organic Chemistry of Drug Synthesis, Volume 3 (Organic Chemistry Series of Drug Synthesis) Atoms, Molecules and Optical Physics 2: Molecules and Photons - Spectroscopy and Collisions (Graduate

Texts in Physics) Molecules of Murder: Criminal Molecules and Classic Cases 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) Advanced Organic Chemistry: Part B: Reaction and Synthesis: Reaction and Synthesis Pt. B The Organometallic Chemistry of the Transition Metals The Organometallic Chemistry of the Transition Metals, 4th Edition Transition Metals in Supramolecular Chemistry (Perspectives in Supramolecular Chemistry) The Organometallic Chemistry of the Transition Metals, 2nd Edition Cycloaddition Reactions in Organic Synthesis, Volume 8 (Tetrahedron Organic Chemistry) 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)) Heterolytic Fragmentation of Organic Molecules The Handbook of Infrared and Raman Characteristic Frequencies of Organic Molecules The Passive Voice and Reported Speech: Your grammar torch to shed light on passive voice, reported speech, complex subject, complex object and cleft (Brookgarbolt's treasure Book 2)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)