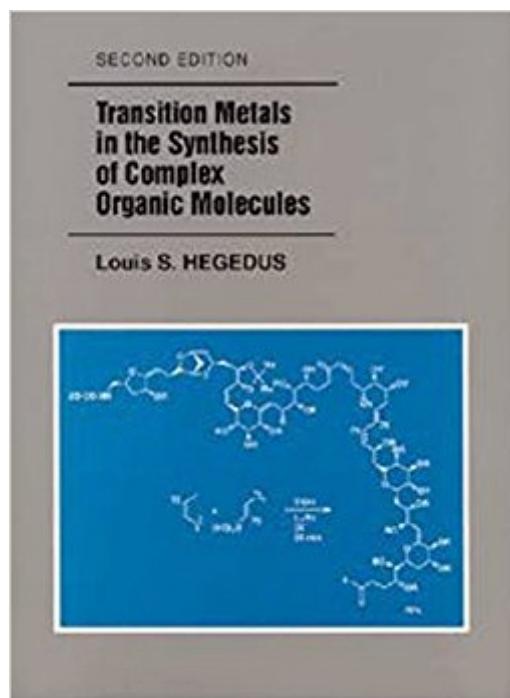


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Transition Metals In The Synthesis Of Complex Organic Molecules



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

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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 synthesis 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.

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