

The book was found

The Chemistry Of Macrocyclic Ligand Complexes (Cambridge Texts In Chemistry And Biochemistry)



Synopsis

The study of macrocyclic ligand systems represents a major activity impinging on a wide range of areas in chemistry and biochemistry. This book contains an overview of the macrocyclic ligand systems and discusses the structure and properties of macrocyclic systems; the synthesis of macrocycles; polyether crown and related systems; metal-ion and molecular recognition (host-guest chemistry); and kinetic, thermodynamic, and electrochemical aspects of these complexes. The author also covers the various categories of synthetic and naturally occurring macrocycles.

Book Information

Series: Cambridge Texts in Chemistry and Biochemistry

Paperback: 280 pages

Publisher: Cambridge University Press (November 30, 1990)

Language: English

ISBN-10: 0521409853

ISBN-13: 978-0521409858

Product Dimensions: 6 x 0.6 x 9 inches

Shipping Weight: 14.4 ounces (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 1 customer review

Best Sellers Rank: #9,600,885 in Books (See Top 100 in Books) #49 in [Books > Science & Math > Chemistry > Organic > Heterocyclic](#) #2563 in [Books > Science & Math > Chemistry > Inorganic](#) #8682 in [Books > Science & Math > Chemistry > Physical & Theoretical](#)

Customer Reviews

"...a well-organized overview of the main developments in the chemistry of macrocycles."

Science "This very readable book provides an overview of macrocyclic chemistry." Journal of the American Chemical Society "...a trend setter which is destined to be a classic in its time." Angewante Chemie "...a good introduction to macrocyclic ligands; all aspects of macrocyclic chemistry are covered. The synthesis of such ligands is discussed and the importance of the template reaction is pointed out." Structural Chemistry

This book is well representative of the various classes of macrocyclic ligands. It is understandable enough for someone who has a good background in chemistry but isn't very familiar with macrocyclic ligands, yet it would still be quite useful for an experienced inorganic or analytical chemist. Also, there are many illustrations which aid in the visualization of many of the larger

ligands.

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

The Chemistry of Macrocyclic Ligand Complexes (Cambridge Texts in Chemistry and Biochemistry)
Metal-Ligand Multiple Bonds: The Chemistry of Transition Metal Complexes Containing Oxo,
Nitrido, Imido, Alkylidene, or Alkylidyne Ligands Ace Biochemistry!: The EASY Guide to Ace
Biochemistry: (Biochemistry Study Guide, Biochemistry Review) Transition Metal Complexes as
Drugs and Chemotherapeutic Agents (Catalysis by Metal Complexes) Coordination Chemistry of
Macrocyclic Compounds (Oxford Chemistry Primers) Macrocyclic Lactones in Antiparasitic Therapy
Organometallics 1: Complexes with Transition Metal-Carbon σ -bonds (Oxford Chemistry Primers)
(Vol 1) Metal Complexes in Aqueous Solutions (Modern Inorganic Chemistry) The Immunoassay
Handbook, Fourth Edition: Theory and Applications of Ligand Binding, ELISA and Related
Techniques Books of Breathing and Related Texts -Late Egyptian Religious Texts in the British
Museum Vol.1 (Catalogue of the Books of the Dead and Other Religious Texts in the British
Museum) Ligand Field Theory and Its Applications Marks' Basic Medical Biochemistry (Lieberman,
Marks's Basic Medical Biochemistry) Biochemistry (BIOCHEMISTRY (VOET)) Medical
Biochemistry: With STUDENT CONSULT Online Access, 3e (Medical Biochemistry) Cambridge
Global English Stage 9 Workbook: for Cambridge Secondary 1 English as a Second Language
(Cambridge International Examinations) The Topology of CW Complexes Metalloporphyrins
Catalyzed Oxidations (Catalysis by Metal Complexes) Molecular Orbitals of Transition Metal
Complexes Cambridge International AS and A Level Chemistry Revision Guide (Cambridge
International Examinations) Cambridge International AS and A Level Chemistry Coursebook with
CD-ROM (Cambridge International Examinations)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)