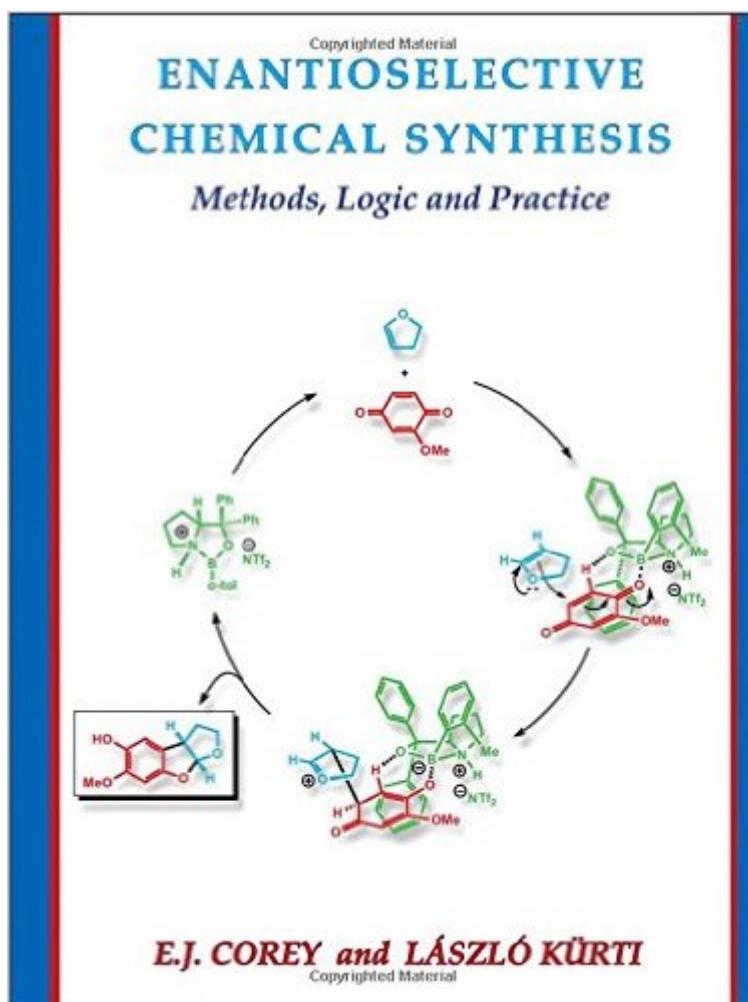


The book was found

# Enantioselective Chemical Synthesis: Methods, Logic, And Practice



## Synopsis

Written by world-renowned and best-selling experts, Nobel Laureate E. J. Corey and Laszlo Kurti, Enantioselective Chemical Synthesis offers an authoritative and comprehensive overview of the fieldâ™s progress; the processes and tools for key formations; future development for complex, stereocontrolled (enantiomeric or diastereoisomeric) molecules; and valuable examples of multi-step syntheses. Utilizing a color-coded scheme to illustrate chemical transformations, Enantioselective Chemical Synthesis provides clear explanation and guidance through vital asymmetrical syntheses and insight into the next steps for the field. Researchers, professionals, and academics will benefit from this valuable, thorough, and unique resource. In Part I, the authors present clearly, comprehensively and concisely the most useful enantioselective processes available to synthetic chemists. Part II provides an extensive discussion of the most logical ways to apply these new enantioselective methods to the planning of syntheses of stereochemically complex molecules. This hitherto neglected area is essential for the advancement of enantioselective synthesis to a more rational and powerful level. Part III describes in detail many reaction sequences which have been used successfully for the construction of a wide variety of complex target moleculesClearly explains stereochemical synthesis in theory and practiceProvides a handy tool box for scientists wishing to understand and apply chiral chemical synthesisDescribes almost 50 real life examples of asymmetric synthesis in practice and examines how the chiral centers were introduced at key synthetic stages

## Book Information

Hardcover: 334 pages

Publisher: Academic Press; 1 edition (October 29, 2013)

Language: English

ISBN-10: 0615395155

ISBN-13: 978-0615395159

Product Dimensions: 7.5 x 0.9 x 10 inches

Shipping Weight: 1.9 pounds (View shipping rates and policies)

Average Customer Review: 4.7 out of 5 starsÂ See all reviewsÂ (3 customer reviews)

Best Sellers Rank: #1,314,789 in Books (See Top 100 in Books) #21 inÂ Books > Science & Math > Chemistry > Organic > Synthesis #296 inÂ Books > Textbooks > Medicine & Health Sciences > Allied Health Services > Medical Technology #413 inÂ Books > Medical Books > Allied Health Professions > Medical Technology

## Customer Reviews

It's an excellent book for those who want to quickly find all the relevant information about various areas of asymmetric catalysis. The book presents a plethora of reactions and methods in a concise and comprehensive manner. The first part deals with various types of useful asymmetric reactions. In the second part the authors discuss the use of asymmetric reactions in total synthesis. The authors (who, by the way, hardly need an introduction) use a convenient color scheme for all reaction diagrams and the figures are neat and well-detailed. The book itself is of very high quality and will not fall apart even if you use it frequently. It is also very moderately priced for a book of such quality and scope.

useful book for chemists working on stereoselective synthesis

Good!!

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

Enantioselective Chemical Synthesis: Methods, Logic, and Practice The Logic of Chemical Synthesis Analysis, Synthesis and Design of Chemical Processes (4th Edition) (Prentice Hall International Series in the Physical and Chemical Engineering Sciences) 4th (fourth) Edition by Turton, Richard, Bailie, Richard, Whiting, Wallace B., Shaei [2012] High Throughput Screening: Methods and Protocols (Methods in Molecular Biology) (Methods in Molecular Biology, 190) Apple Pro Training Series: Logic Pro 8 and Logic Express 8 Critical Thinking: Decision Making with Smarter Intuition and Logic! (Critical Thinking, Decision Making, Logic, Intuition) Set Theory (Studies in Logic: Mathematical Logic and Foundations) Advanced Digital Logic Design Using VHDL, State Machines, and Synthesis for FPGA's Logic: Propositional Logic (Quickstudy: Academic) Introduction to Logic: Propositional Logic, Revised Edition (3rd Edition) The Organic Chemistry of Drug Synthesis, Volume 3 (Organic Chemistry Series of Drug Synthesis) The Synthesis and the Physical and Chemical Aspects of the Pyrrole Ring, Volume 48, Part 1, Pyrroles Analysis, Synthesis and Design of Chemical Processes (3rd Edition) Analysis, Synthesis and Design of Chemical Processes (3rd Edition) 3rd (third) Edition by Turton, Richard, Bailie, Richard C., Whiting, Wallace B., Shaei [2009] Inventing Chemistry: Herman Boerhaave and the Reform of the Chemical Arts (Synthesis) Chemical Approaches to the Synthesis of Peptides and Proteins (New Directions in Organic & Biological Chemistry) Introduction to Chemical Processes: Principles, Analysis, Synthesis The Chemical Synthesis of Peptides (International Series of Monographs on Chemistry) Chemical

Synthesis of Nucleoside Analogues The Practice of Nursing Research: Appraisal, Synthesis, and Generation of Evidence (PRACTICE OF NURSING RESEARCH: CONDUCT, CRITIQUE, & UTIL ( BURNS) Book 1)

[Dmca](#)