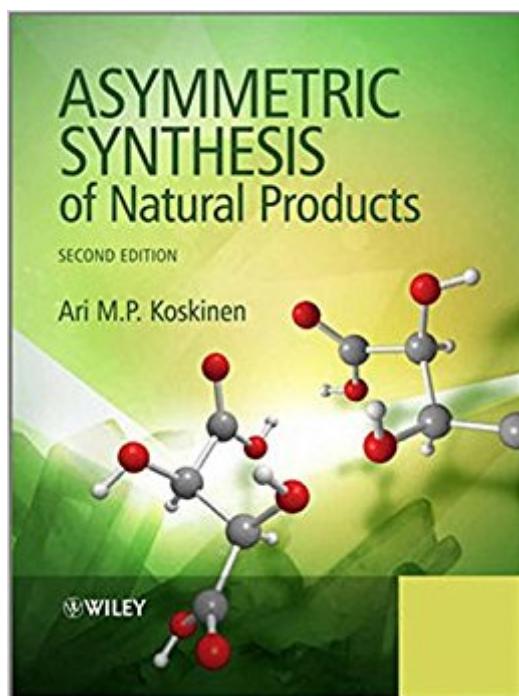


The book was found

# Asymmetric Synthesis Of Natural Products



## Synopsis

Asymmetric Synthesis of Natural Products, 2nd Edition introduces students to this rapidly growing field of organic chemistry. The initial chapters present the foundations of asymmetric synthesis, including the theory and applications of individual asymmetric reactions. This is followed by chapters on each of the major individual classes of natural products; their structures, biosynthesis and interrelationships as well as examples of asymmetric syntheses and the practical value of these compounds. Natural product classes covered include carbohydrates, amino acids, peptides, proteins, nucleosides, nucleotides, nucleic acids, polyketides, isoprenoids, shikamic acid derivatives and alkaloids. For this second edition the text has been thoroughly updated and expanded, and includes new discussions and examples covering atom and redox economies, practical aspects and environmental awareness. Organocatalysis has emerged completely in the last ten years, and has been fully integrated into this new edition.

## Book Information

Paperback: 322 pages

Publisher: Wiley; 2 edition (August 13, 2012)

Language: English

ISBN-10: 1119976693

ISBN-13: 978-1119976691

Product Dimensions: 7.5 x 0.7 x 9.6 inches

Shipping Weight: 1.2 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #2,083,226 in Books (See Top 100 in Books) #30 in Books > Science & Math > Chemistry > Organic > Synthesis #5361 in Books > Textbooks > Science & Mathematics > Chemistry

## Customer Reviews

Asymmetric Synthesis of Natural Products, 2nd Edition will find a place on the bookshelves of advanced undergraduates and postgraduates working in natural products chemistry, organic synthesis, medicinal chemistry and drug discovery. It is also useful for practising researchers who want to refresh their knowledge of the field. (Chimie Nouvelle, 1 March 2013)

Natural product synthesis has played a key role in the development of many synthetic methods and will continue to do so in the future. Many recent advances in such diverse fields as immunology,

cellular biology and materials science have been achieved through the synthetic chemist's ability to construct often very complicated structures in one enantiomeric form. *Asymmetric Synthesis of Natural Products*, 2nd Edition introduces students to this rapidly growing field of organic chemistry. The initial chapters present the foundations of asymmetric synthesis, including the theory and applications of individual asymmetric reactions. This is followed by chapters on each of the major individual classes of natural products; their structures, biosynthesis and interrelationships as well as examples of asymmetric syntheses and the practical value of these compounds. Natural product classes covered include carbohydrates, amino acids, peptides, proteins, nucleosides, nucleotides, nucleic acids, polyketides, isoprenoids, shikimic acid derivatives and alkaloids. For this second edition the text has been thoroughly updated and expanded, and includes new discussions and examples covering atom and redox economies, practical aspects and environmental awareness. Organocatalysis has emerged completely in the last ten years, and has been fully integrated into this new edition. *Asymmetric Synthesis of Natural Products*, 2nd Edition will find a place on the bookshelves of advanced undergraduates and postgraduates working in natural products chemistry, organic synthesis, medicinal chemistry and drug discovery. It is also useful for practising researchers who want to refresh their knowledge of the field.

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

Asymmetric Synthesis of Natural Products Catalytic Asymmetric Synthesis Chiral Auxiliaries and Ligands in Asymmetric Synthesis Asymmetric Synthesis: The Chiral Carbon Pool and Chiral Sulfur, Nitrogen, Phosphorus, and Silicon Centers Asymmetric Catalysis In Organic Synthesis (Baker Lecture Series) Handbook of Reagents for Organic Synthesis: Reagents for Heteroarene Synthesis (Hdbk of Reagents for Organic Synthesis) From Biosynthesis to Total Synthesis: Strategies and Tactics for Natural Products The Total Synthesis of Natural Products: Acyclic and Monocyclic Sesquiterpenes, Part A, Volume 10 ISO/IEC 18033-2:2006, Information technology - Security techniques - Encryption algorithms - Part 2: Asymmetric ciphers Moral Dilemmas of Modern War: Torture, Assassination, and Blackmail in an Age of Asymmetric Conflict Light Scattering, Size Exclusion Chromatography and Asymmetric Flow Field Flow Fractionation: Powerful Tools for the Characterization of Polymers, Proteins and Nanoparticles Anti Aging: The Best Anti Aging Beauty Products, Anti Aging Medicines and Anti Aging Skin Care Treatments to Make You Look and Feel Younger (Anti Aging, ... Secrets, Anti Aging Diet, Beauty Products) Don't Go to the Cosmetics Counter Without Me: A unique, professionally sourced guide to thousands of skin-care and makeup products from today's hottest ... and discover which products really work! Don't Go to the Cosmetics Counter Without Me: A unique guide to skin care and makeup products from today's hottest brands

&#151; shop smarter and find products that really work! Sell Products Make Money (2017): How to Start Selling Information & Physical Products Online the Easy Way Build Better Products: A Modern Approach to Building Successful User-Centered Products Yearbook of Forest Products (FAO Yearbook: Forest Products) Advanced Organic Chemistry: Part B: Reaction and Synthesis: Reaction and Synthesis Pt. B The Organic Chemistry of Drug Synthesis, Volume 3 (Organic Chemistry Series of Drug Synthesis) Landmarking and Segmentation of 3D CT Images (Synthesis Lectures on Biomedical Engineering Synthesis Lectu)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)