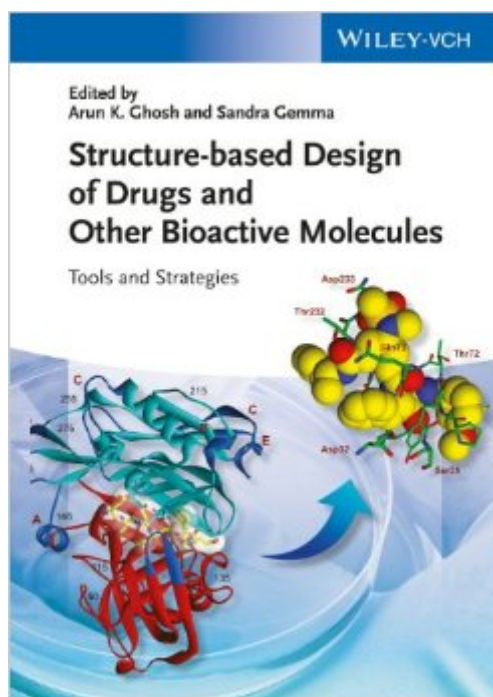


The book was found

Structure-based Design Of Drugs And Other Bioactive Molecules: Tools And Strategies



Synopsis

Drug design is a complex, challenging and innovative research area. Structure-based molecular design has transformed the drug discovery approach in modern medicine. Traditionally, focus has been placed on computational, structural or synthetic methods only in isolation. This one-of-a-kind guide integrates all three skill sets for a complete picture of contemporary structure-based design. This practical approach provides the tools to develop a high-affinity ligand with drug-like properties for a given drug target for which a high-resolution structure exists. The authors use numerous examples of recently developed drugs to present "best practice" methods in structurebased drug design with both newcomers and practicing researchers in mind. By way of a carefully balanced mix of theoretical background and case studies from medicinal chemistry applications, readers will quickly and efficiently master the basic skills of successful drug design. This book is aimed at new and active medicinal chemists, biochemists, pharmacologists, natural product chemists and those working in drug discovery in the pharmaceutical industry. It is highly recommended as a desk reference to guide students in medicinal and chemical sciences as well as to aid researchers engaged in drug design today.

Book Information

Hardcover: 474 pages

Publisher: Wiley-VCH; 1 edition (August 11, 2014)

Language: English

ISBN-10: 3527333657

ISBN-13: 978-3527333653

Product Dimensions: 6.9 x 1.2 x 9.9 inches

Shipping Weight: 2.6 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #3,515,770 in Books (See Top 100 in Books) #17 inÂ Books > Medical Books > Pharmacology > Molecular #2078 inÂ Books > Textbooks > Medicine & Health Sciences > Allied Health Services > Pharmacy #2791 inÂ Books > Textbooks > Medicine & Health Sciences > Medicine > Basic Sciences > Pharmacology

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

Structure-based Design of Drugs and Other Bioactive Molecules: Tools and Strategies Anti-Cancer Molecules: Structure, Function, and Design (Annals of the New York Academy of Sciences) Magic Molecules: How Drugs Work Hypertension and You: Old Drugs, New Drugs, and the Right Drugs for

Your High Blood Pressure Percutaneous Absorption:

Drugs--Cosmetics--Mechanisms--Methodology: Drugs--Cosmetics--Mechanisms--Methodology, Third Edition, (Drugs and the Pharmaceutical Sciences) Supercritical Fluid Extraction of Nutraceuticals and Bioactive Compounds Bioactive Heterocycles IV (Topics in Heterocyclic Chemistry) Bioactive Heterocycles V (Topics in Heterocyclic Chemistry) (No. 5) Bioactive Heterocycles III (Topics in Heterocyclic Chemistry) (v. 3) Ritalin and Other Methylphenidate-Containing Drugs (Drugs: The Straight Facts) Social Media Free Tools: 2016 Edition - Social Media Marketing Tools to Turbocharge Your Brand for Free on Facebook, LinkedIn, Twitter, YouTube & Every Other Network Known to Man Home Based Business Escape Plan: How To Make \$10,000 Per Month With Your Own Part-Time, Online Lifestyle Business: Home Based Business Ideas (Home Based Business Opportunities) Polypropylene Structure, blends and composites: Volume 1 Structure and Morphology Advanced Organic Chemistry: Part A: Structure and Mechanisms: Structure and Mechanisms Pt. A The Handbook of Infrared and Raman Characteristic Frequencies of Organic Molecules Dynamics of Molecules and Chemical Reactions Photochromism: Molecules and Systems Density-Functional Theory of Atoms and Molecules (International Series of Monographs on Chemistry) Giant Molecules: Here, There, and Everywhere Quantum Physics of Atoms, Molecules, Solids, Nuclei, and Particles

[Dmca](#)