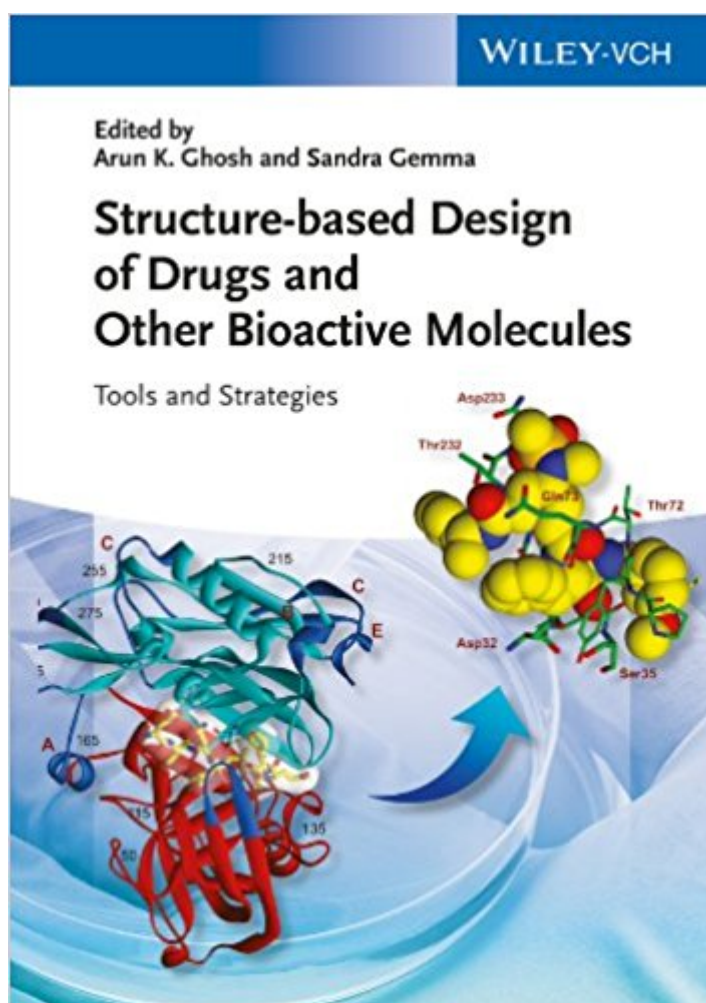


The book was found

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 structure-based 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

File Size: 11640 KB

Print Length: 474 pages

Publisher: Wiley-VCH; 1 edition (July 16, 2014)

Publication Date: July 16, 2014

Sold by: Amazon Digital Services LLC

Language: English

ASIN: B00LX2S3Q2

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Not Enabled

Best Sellers Rank: #2,887,121 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #25

in Books > Medical Books > Pharmacology > Molecular #883 in Kindle Store > Kindle eBooks > Medical eBooks > Pharmacology > Pharmacy #5211 in Books > Medical Books > Pharmacology > Pharmacy

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

Structure-based Design of Drugs and Other Bioactive Molecules: Tools and Strategies Atoms, Molecules and Optical Physics 2: Molecules and Photons - Spectroscopy and Collisions (Graduate Texts in Physics) Molecules of Murder: Criminal Molecules and Classic Cases Hypertension and You: Old Drugs, New Drugs, and the Right Drugs for Your High Blood Pressure Prescription Drugs: Understanding Drugs and Drug Addiction (Treatment to Recovery and Real Accounts of Ex-Addicts Volume III â “ Prescription Drugs Edition Book 3) Abusing Over the Counter Drugs: Illicit Uses for Everyday Drugs (Illicit and Misused Drugs) Percutaneous Absorption: Drugs--Cosmetics--Mechanisms--Methodology: Drugs--Cosmetics--Mechanisms--Methodology, Third Edition, (Drugs and the Pharmaceutical Sciences) New Drugs: Bath Salts, Spice, Salvia, & Designer Drugs (Downside of Drugs) Bioactive Heterocycles IV (Topics in Heterocyclic Chemistry) Bioactive Heterocycles V (Topics in Heterocyclic Chemistry) (No. 5) Bioactive Polymeric Systems: An Overview Bonding and Structure of Molecules and Solids (Oxford Science Publications) The Nature of the Chemical Bond and the Structure of Molecules and Crystals: An Introduction to Modern Structural Chemistry Graphic Design Success: Over 100 Tips for Beginners in Graphic Design: Graphic Design Basics for Beginners, Save Time and Jump Start Your Success (graphic ... graphic design beginner, design skills) Power Tools for Synthesizer Programming: The Ultimate Reference for Sound Design: Second Edition (Power Tools Series) Solution Key for Algebra and Trigonometry: Structure and Method: Book 2 (McDougal Littell Structure & Method) Advanced Organic Chemistry: Part A: Structure and Mechanisms: Structure and Mechanisms Pt. A Driving With Care: Alcohol, Other Drugs, and Driving Safety Education-Strategies for Responsible Living: The Participantâ s Workbook, Level 1 Education Driving with Care: Alcohol, Other Drugs, and Driving Safety Education-Strategies for Responsible Living: The Participants Workbook, Level II Education Songwriting: Essential Guide to Lyric Form and Structure: Tools and Techniques for Writing Better Lyrics (Songwriting Guides)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)