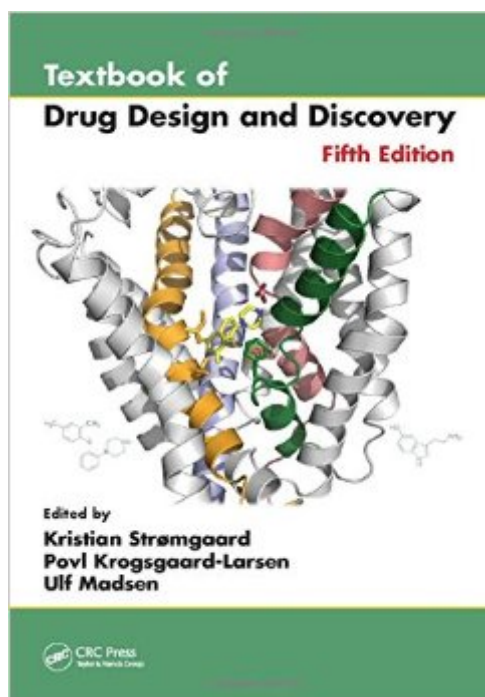


The book was found

Textbook Of Drug Design And Discovery, Fifth Edition



Synopsis

Building on the success of the previous editions, the Textbook of Drug Design and Discovery, Fifth Edition, has been thoroughly revised and updated to provide a complete source of information on all facets of drug design and discovery for students of chemistry, pharmacy, pharmacology, biochemistry, and medicine. The information is presented in an up-to-date review form with an underlying and fundamental focus on the educational aspects. Beginning with an introduction to drug design and discovery, the first eight chapters cover molecular recognition, ligand-based drug design, and biostructure-based drug design. The authors also discuss drug-like properties and decision making in medicinal chemistry, chemical biology, natural products in drug discovery, and in vivo imaging in drug discovery. The middle six chapters provide an overview of peptide and protein drug design, prodrugs in drug design and development, and enzyme inhibitors. The authors also go through receptors (structure, function, and pharmacology), ion channels (structure and function), and neurotransmitter transporters (structure, function, and drug binding). The following chapters address important neurotransmitter systems, GABA and glutamic acid receptors and transporter ligands, acetylcholine, histamine, dopamine and serotonin, and opioid and cannabinoid receptors. The book concludes with an examination of neglected diseases, anticancer agents, tyrosine kinase receptors, and antibiotics.

Book Information

Hardcover: 450 pages

Publisher: CRC Press; 5 edition (August 9, 2016)

Language: English

ISBN-10: 1498702783

ISBN-13: 978-1498702782

Product Dimensions: 1.2 x 7.2 x 10.2 inches

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

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,971,066 in Books (See Top 100 in Books) #96 in Books > Medical Books > Pharmacology > Chemistry #1299 in Books > Textbooks > Medicine & Health Sciences > Allied Health Services > Pharmacy #1558 in Books > Textbooks > Medicine & Health Sciences > Medicine > Basic Sciences > Pharmacology

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

Textbook of Drug Design and Discovery, Fifth Edition G Protein-Coupled Receptors in Drug

Discovery (Drug Discovery Series) Multinational Drug Companies: Issues in Drug Discovery and Development Textbook of Therapeutics: Drug and Disease Management (Helms, Textbook of Therapeutics) The Organic Chemistry of Drug Design and Drug Action, Third Edition The Organic Chemistry of Drug Design and Drug Action Acadia National Park Discovery Map: Hiking, Biking, And Paddling (Appalachian Mountain Club: Acadia National Park Discovery Map) Lunar Discovery: Let the Space Race Begin (Discovery Series Book 1) The 36-Hour Day, fifth edition: The 36-Hour Day: A Family Guide to Caring for People Who Have Alzheimer Disease, Related Dementias, and Memory Loss (A Johns Hopkins Press Health Book) 5th (fifth) edition Theory and Practice of Group Psychotherapy, Fifth Edition 5th (fifth) edition (authors) Yalom, Irvin D., Leszcz, Moly (2005) published by Basic Books [Hardcover] GIS Tutorial for Health, fifth edition: Fifth Edition Burger's Medicinal Chemistry and Drug Discovery, Cardiovascular Agents and Endocrines (Volume 3) Metabolism, Pharmacokinetics and Toxicity of Functional Groups: Impact of Chemical Building Blocks on ADMET (Drug Discovery) Molecular Targeting in Oncology (Cancer Drug Discovery and Development) EGFR Signaling Networks in Cancer Therapy (Cancer Drug Discovery and Development) Quantitative Molecular Pharmacology and Informatics in Drug Discovery Basic Principles of Drug Discovery and Development Case Studies in Modern Drug Discovery and Development Drug Discovery: Practices, Processes, and Perspectives Molecular Cancer Therapeutics: Strategies for Drug Discovery and Development

[Dmca](#)