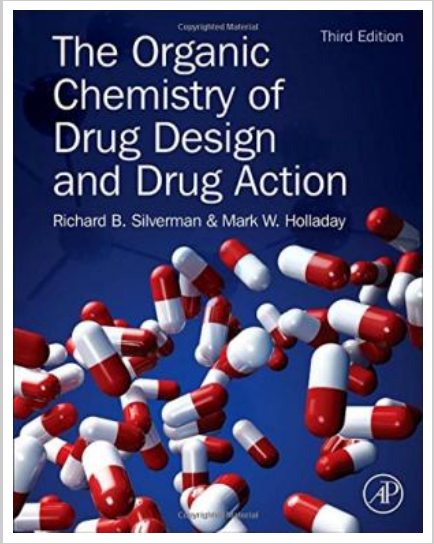

DOWNLOAD PDF

The Organic Chemistry of Drug Design and Drug Action (Hardback)

By Richard B Silverman, Mark W Holladay

Elsevier Science Publishing Co Inc, United States, 2014. Hardback. Book Condition: New. 3rd Revised edition. 278 x 224 mm. Language: English . Brand New Book. The Organic Chemistry of Drug Design and Drug Action, Third Edition, represents a unique approach to medicinal chemistry based on physical organic chemical principles and reaction mechanisms that rationalize drug action, which allows the reader to extrapolate those core principles and mechanisms to many related classes of drug molecules. This new edition reflects significant changes in the process of drug design over the last decade. It preserves the successful approach of the previous editions while including significant changes in format and coverage. New to this edition: * Updates to all chapters, including new examples and references* Chapter 1 (Introduction): Completely rewritten and expanded as an overview of topics discussed in detail throughout the book* Chapter 2 (Lead Discovery and Lead Modification): Sections on sources of compounds for screening including library collections, virtual screening, and computational methods, as well as hit-to-lead and scaffold hopping; expanded sections on sources of lead compounds, fragment-based lead discovery, and molecular graphics; and deemphasized solid-phase synthesis and combinatorial chemistry* Chapter 3 (Receptors): Drug-receptor interactions, cation-? and halogen bonding; atropisomers; case history...

READ ONLINE

Reviews

Definitely one of the better ebook I have possibly read through. It usually will not charge excessive. You wont feel monotony at anytime of your own time (that's what catalogues are for regarding if you check with me).

-- ***Prof. Jean Dare***

It is an awesome pdf i have possibly go through. It really is filled with wisdom and knowledge You will not really feel monotony at whenever you want of your time (that's what catalogues are for relating to in the event you ask me).

-- ***Horace Schroeder***