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Nota di contenuto	CONTENTS; Molecular Informatics: Sharpening Drug Design's Cutting Edge; High-Throughput X-Ray Crystallography for Drug Discovery; Trawling the Genome for G Protein-coupled Receptors: the Importance of Integrating Bioinformatic Approaches; Virtual Screening of Virtual Libraries - an Efficient Strategy for LeadGeneration; Virtual Techniques for Lead Optimisation; The Impact of Physical Organic Chemistry on the Control of Drug-likeProperties; Mutagenesis and Modelling Highlight the Critical Nature of theTM2-loop-TM3 Region of Biogenic Amine GPCRS; Computational Vaccine Design; Subject Index
Sommario/riassunto	Pharmaceutical research draws on increasingly complex techniques to solve the challenges of drug design. Bringing together a number of the latest informatics techniques, this book looks at modelling and bioinformatic strategies; structural genomics and X-ray crystallography; virtual screening; lead optimisation; ADME profiling and vaccine design. A number of relevant case studies, focussing on techniques that have demonstrated their use, will concentrate on G-protein coupled receptors as potential disease targets.Providing details