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About the eBook

This book is recommended for readers who are interested in or work current theoretical and experimental research in medicinal chemistry, with an emphasis on computer aided-drug design and organic synthesis for therapeutic purposes. This book encompasses the multidisciplinary field of medicinal chemistry which overlaps the knowledge of chemistry, physics, biochemistry, biology and pharmacology.

Contents

- ▶ Current State-of-the-art for Quantum Mechanics-based Methods in Drug Design
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- ▶ Rapid Development of Chiral Drugs in the Pharmaceutical Industry
- ▶ General Aspects of the Microwave-Assisted Drug Development
- ▶ Carbohydrates and Glycoproteins: Cellular Recognition and Drug Design

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