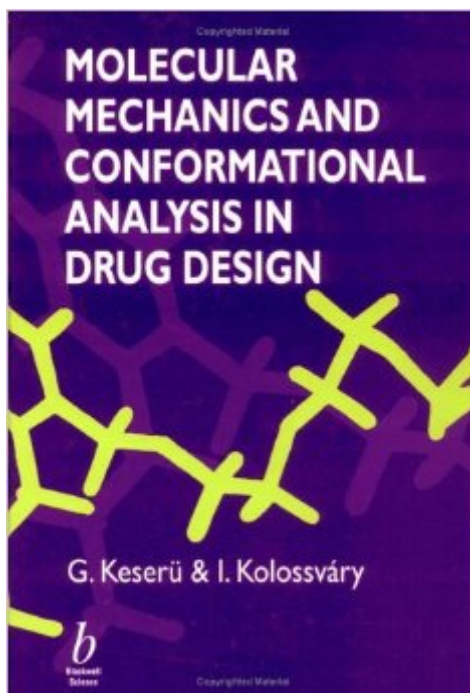


The book was found

Molecular Mechanics And Conformational Analysis In Drug Design



Synopsis

Molecular modelling truly has come of age. Computational chemistry techniques are now routinely used to simulate chemical and physical properties before synthesis. The widespread availability of high-performance computer processing power combined with an abundance of computational chemistry software has allowed non-specialists to do modelling previously reserved for specialists. But the software has not yet evolved to the point where its results can be taken on faith. All outputs are highly dependent on the inputting assumptions, so an understanding of these are fundamental to any serious studies. This book provides clear descriptions of the theoretical background to molecular mechanics-based conformational energy calculations. Although the book is written primarily for the non-specialist, there is enough rigour to serve as an essential reference for experts. Using real examples, the emphasis is on demonstrating how the calculations relate to actual studies. The non-specialist can omit certain sections and still get a working knowledge of all the important methods.

Book Information

Hardcover: 176 pages

Publisher: Blackwell Publishing; 1 edition (March 29, 1999)

Language: English

ISBN-10: 0632052899

ISBN-13: 978-0632052899

Product Dimensions: 0.8 x 6.8 x 9.8 inches

Shipping Weight: 1.3 pounds

Average Customer Review: Be the first to review this item

Best Sellers Rank: #13,714,470 in Books (See Top 100 in Books) #69 in Books > Medical Books > Pharmacology > Molecular #886 in Books > Medical Books > Pharmacology > Chemistry #2027 in Books > Computers & Technology > Programming > Software Design, Testing & Engineering > Structured Design

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

Molecular Mechanics and Conformational Analysis in Drug Design Conformational Analysis of Medium-Sized Heterocycles (Methods in Stereochemical Analysis) The Conformational Analysis of Heterocyclic Compounds Conformational Theory of Large Molecules: The Rotational Isomeric State Model in Macromolecular Systems Reinforced Concrete: Mechanics and Design (4th Edition) (Civil Engineering and Engineering Mechanics) Computational Fluid Mechanics and Heat Transfer, Third

Edition (Series in Computational and Physical Processes in Mechanics and Thermal Sciences)
Robotics: The Beginner's Guide to Robotic Building, Technology, Mechanics, and Processes
(Robotics, Mechanics, Technology, Robotic Building, Science) Soil Mechanics in Highway
Engineering (Series on Rock and Soil Mechanics) Mechanics II: Mechanics of Materials +
Elementary Molecular Quantum Mechanics: Mathematical Methods and Applications Molecular
Quantum Mechanics Solutions Manual for Molecular Quantum Mechanics Cellular and Molecular
Immunology (Cellular and Molecular Immunology, Abbas) Feng Shui: Wellness and Peace- Interior
Design, Home Decorating and Home Design (peace, home design, feng shui, home, design, home
decor, prosperity) Molecular Pathology of Nervous System Tumors: Biological Stratification and
Targeted Therapies (Molecular Pathology Library) High Throughput Screening: Methods and
Protocols (Methods in Molecular Biology) (Methods in Molecular Biology, 190) Organic Molecular
Photochemistry (Molecular and Supramolecular Photochemistry) Principles of Molecular Virology
(Standard Edition), Fourth Edition (Cann, Principles of Molecular Virology) Molecular Visions
(Organic, Inorganic, Organometallic) Molecular Model Kit #1 by Darling Models to accompany
Organic Chemistry Molecular Cell Biology (Lodish, Molecular Cell Biology)

[Dmca](#)