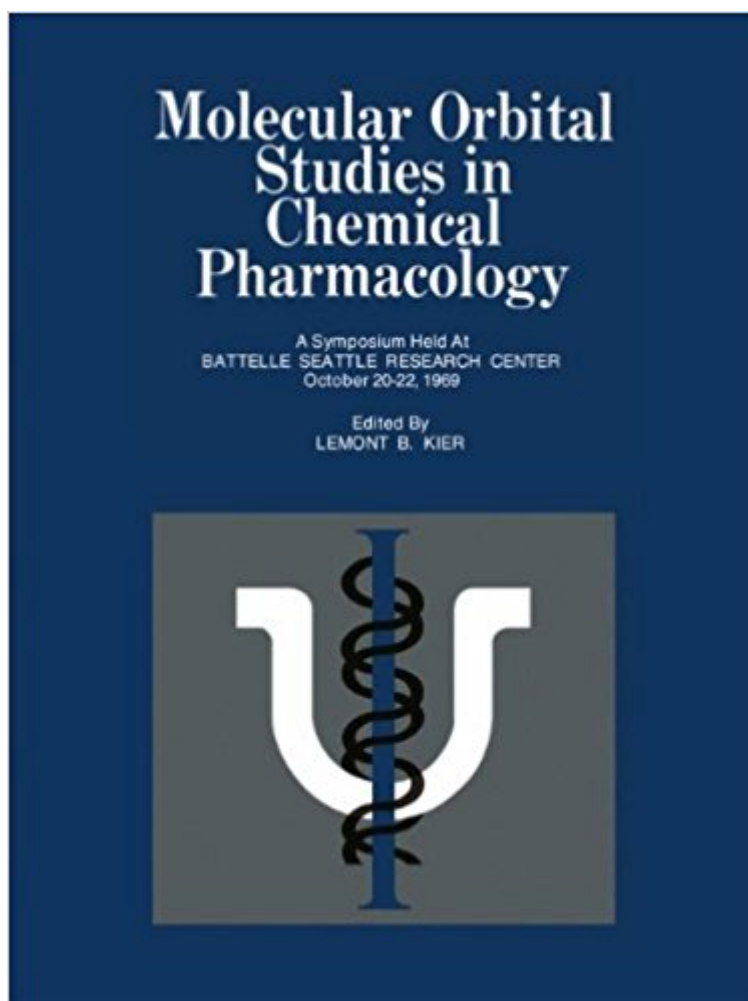


The book was found

Molecular Orbital Studies In Chemical Pharmacology



Synopsis

A symposium on molecular orbital studies in chemical pharmacology was held at the Battelle Seattle Research Center of Battelle Memorial Institute in Seattle, Washington, U.S.A, on October 20-22, 1969. This volume is a collection of the lectures presented at that symposium. The use of quantum mechanics to study the actions of molecules of biological importance is being developed by a number of scientists concerned with these phenomena. The advent of high speed computers has made possible the application of this technique to large molecules, of the kind important in living systems. One result of this expanded computational ability has been the utilization of molecular orbital theory by a group of scientists of diverse backgrounds. The lecturers at this symposium, all interested in molecular orbital theory, have backgrounds in pharmacology, physical chemistry, theoretical chemistry, biochemistry and medicinal chemistry. The common denominator among these scientists has been the realization that they must search at the primary level of chemical events for explanations of biological phenomena. Since these events are governed to a large extent by the properties of the valence electrons of molecules, molecular orbital theory offers great promise in explaining and predicting biological phenomena. October, 1969 Lemont B. Kier Table of Contents v Preface BERNARD PULLMAN - Electrons in Nucleic Acids and their Constituents JAMES R. HOYLAND - Semiempirical MO Theories: A Critique and 31 a Review of Progress

Book Information

Paperback: 290 pages

Publisher: Springer; Spi edition (May 27, 1970)

Language: English

ISBN-10: 354004972X

ISBN-13: 978-3540049722

Product Dimensions: 8.3 x 0.7 x 11 inches

Shipping Weight: 1.2 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #11,576,611 in Books (See Top 100 in Books) #50 in Books > Medical Books > Pharmacology > Molecular #4609 in Books > Textbooks > Medicine & Health Sciences > Allied Health Services > Pharmacy #7428 in Books > Medical Books > Pharmacology > Pharmacy

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

Molecular Orbital Studies in Chemical Pharmacology Problems in Molecular Orbital Theory Brody's Human Pharmacology: Molecular to Clinical With STUDENT CONSULT Online Access, 4e (Human Pharmacology (Brody)) A guide to molecular pharmacology-toxicology, (Modern pharmacology, v. 1) Beta-Adrenoceptors: Molecular Biology, Biochemistry and Pharmacology (Progress in Basic and Clinical Pharmacology, Vol. 7) (v. 7) Hypoelliptic Laplacian and Orbital Integrals (AM-177) (Annals of Mathematics Studies) Molecular Simulation Studies on Thermophysical Properties: With Application to Working Fluids (Molecular Modeling and Simulation) Advanced Molecular Quantum Mechanics: An Introduction to Relativistic Quantum Mechanics and the Quantum Theory of Radiation (Studies in Chemical Physics) Orbital Mechanics for Engineering Students, Third Edition (Aerospace Engineering) Orbital Mechanics for Engineering Students (Aerospace Engineering) Orbital Mechanics Orbital Mechanics for Engineering Students, Second Edition (Aerospace Engineering) Descender Volume 4: Orbital Mechanics Interdisciplinary Management of Orbital Diseases: Textbook and Atlas Orbital Surgery (ESASO Course Series, Vol. 5) Eyelids (Oculoplastic, Orbital, and Reconstructive Surgery, Vol 1) Pharmacology for Nurses: A Pathophysiologic Approach (4th Edition) (Adams, Pharmacology for Nurses) Pharmacology for the Primary Care Provider, 4e (Edmunds, Pharmacology for the Primary Care Provider) The Spinal cord and its reaction to traumatic injury: Anatomy, physiology, pharmacology, therapeutics (Modern pharmacology-toxicology) Pharmacology and the Nursing Process, 7e (Lilley, Pharmacology and the Nursing Process) - Standalone book

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)