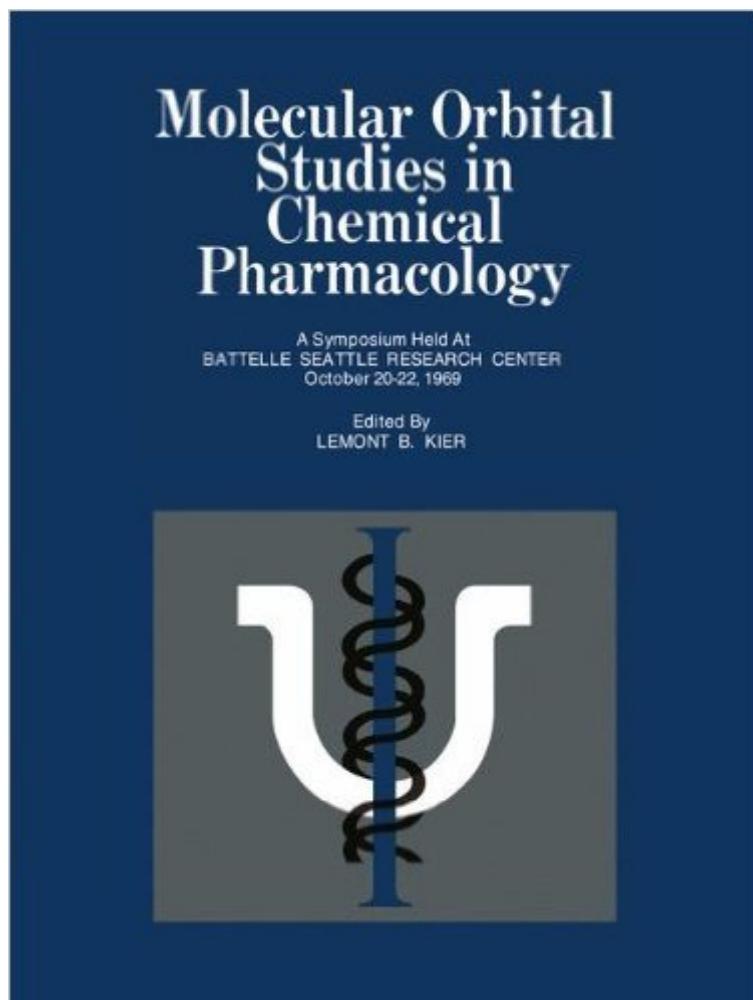


The book was found

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 a Review of Progress.

Book Information

Paperback: 290 pages

Publisher: Springer; 3rd edition (January 1, 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: #8,745,939 in Books (See Top 100 in Books) #44 in Books > Medical Books > Pharmacology > Molecular #4088 in Books > Textbooks > Medicine & Health Sciences > Allied Health Services > Pharmacy #6560 in Books > Medical Books > Pharmacology > Pharmacy

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

Molecular Orbital Studies in Chemical Pharmacology AB INITIO Molecular Orbital Theory Life of a

Scientist: An Autobiographical Account of the Development of 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) Foundations of Molecular Pharmacology: Volume 2 The Chemical Basis of Drug Action Analysis of Engineering Design Studies for Demilitarization of Assembled Chemical Weapons at Pueblo Chemical Depot (The Compass series) The ITU and Managing Satellite Orbital and Spectrum Resources in the 21st Century (SpringerBriefs in Space Development) The Orbital Perspective: Lessons in Seeing the Big Picture from a Journey of 71 Million Miles Orbital Interactions in Chemistry Valency and Bonding: A Natural Bond Orbital Donor-Acceptor Perspective Elena Bablenis Haveles BS Pharm Pharm D's Applied Pharmacology 6th (Sixth) edition(Applied Pharmacology for the Dental Hygienist [Paperback])(2010) Pharmacology and Therapeutics for Dentistry, 4e (Pharmacology & Therapeutics for Dentistry) Pharmacology: A Patient-Centered Nursing Process Approach (Kee, Pharmacology) The Chemistry of Mind-Altering Drugs: History, Pharmacology, and Cultural Context (American Chemical Society Publication) Chemical Engineering Design and Analysis: An Introduction (Cambridge Series in Chemical Engineering) Fluid Mechanics for Chemical Engineers (McGraw-Hill Chemical Engineering) Healing Severe Chemical and EMF Sensitivity: Our Breakthrough Cure for Multiple Chemical Sensitivities (MCS) and Electro-hypersensitivity (EHS) Applied Parameter Estimation for Chemical Engineers (Chemical Industries)

[Dmca](#)