Foye's Principles of Medicinal Chemistry

Gives a comprehensive account of various topics of Pharmaceutical Chemistry. Concise account of Diseases, their causes and prevention. Sustained release of drugs. Clinical Chemistry. Haematology. AIDS Chemical structure of various drugs. Glossary of all the medical terms. Summary of various drugs, their chemical structure and therapeutic uses given at the end as appendix.

Medical and Health Care Books and Serials in Print

Remington

A acclaimed by students and instructors alike, Foye's Principles of Medicinal Chemistry is now in its Seventh Edition, featuring updated chapters plus new material that meets the needs of today's medicinal chemistry courses. This latest edition offers an unparalleled presentation of drug discovery and pharmacodynamics, integrating principles of medicinal chemistry with pharmacology, pharmacokinetics, and clinical pharmacy. All the chapters have been written by an international team of respected researchers and academicians. Careful editing ensures thoroughness, a consistent style and format, and easy navigation throughout the text.

Essentials of Medicinal Chemistry

Textbook Of Medicinal Chemistry

The Textbook of Medicinal Chemistry is a much-awaited masterpiece in its area. Targeted mainly to B. Pharmacy students, this book would also be useful for M. Pharmacy as well as M. Sc. Organic Chemistry/Pharmaceutical Chemistry students. It aims at eliminating the inadequacies in teaching and learning of medicinal chemistry by providing enormous information on all the topics in medicinal chemistry of synthetic drugs. About the Author: Prof. Dr. V. A. Jagarsamy, M. Pharm., Ph.D., F.C.I., D.O.M.H., is Professor and Principal of M.N.R. College of Pharmacy, Gr. Hyderabad, Sangareddy. He has been teaching Medicinal Chemistry and performing research work in Synthetic Medicinal Chemistry on novel heterocyclic bioactive compounds for more than a decade. His research activities are collaborated with various research laboratories/organizations like National Cancer Institute, USA, Raja Institute for Medical Research, Belagavi and Southern Research Institute, USA. He is a recipient of Young Scientist award from the Department of Science and Technology, New Delhi. His research publications in journals and presentations in conferences, put together, exceed hundred. His research activities are supported by the funding agencies like CSIR, DST, and DSIR. He is a doctoral committee member and recognized Research guide for Ph.D. students in various universities.

Textbook Of Medicinal Chemistry Vol I - E-Book

Foye's Principles of Medicinal Chemistry

For over 100 years, Remington has been the definitive textbook and reference on the science and practice of pharmacy. This Twenty-First Edition keeps pace with recent changes in the pharmacy curriculum and professional pharmacy practice. More than 95 new contributors and 5 new section editors provide fresh perspectives on the field. New chapters include pharmacogenomics, application of ethical principles to practice dilemmas, technology and automation, professional communication, medication error, re-engineering pharmacy practice, management of special risk medicines, specialization in pharmacy practice, disease state management, emergency patient care, and wound care. Purchasers of this textbook are entitled to a new, fully indexed Bonus CD-ROM, affording instant access to the full content of Remington in a convenient and portable format.

The Practice of Medicinal Chemistry

The Qualified Success And General Aged Of Medicinal Chemistry Is Not Only Confined To The Indian Subcontinent, But It Has Also Won An Overwhelming Popularity In Other Parts Of The World. Specific Case Has Been Taken To Maintain And Sustain The Fundamental Philosophy Of The Textbook Embracing Rigidity The Original Pattern And Style Of Presentation With A Particular Explicated Treatment Of Syntheses Of Potential Medicinal Compounds For The Ultimate Benefits Of The Teachers And The Taught. A Like, The Present Thoroughly Revised And Skillfully Expanded Fourth Edition Essentially Contains Three New And Important Chapters, Namely : Molecular Modeling And Drug Design (Chapter 3), Adrenocortical Steroids (Chapter 24), And Antibacterial Agents (Chapter 26) So As To Make The Textbook More Useful To Its Readers. With The Advent Of Thirty Chapters The Present Updated Form Of Medicinal Chemistry Will Prove To Be An Asset For M. Pharm./B. Pharm., Degree Students, M. Sc. Pharmaceutical Chemistry, M. Sc. Applied Chemistry And M. Sc. Industrial Chemistry Throughout The Indian and International Universities. Medicinal Chemistry Appears As A Newly Designed And Artistically Presented In A Two-Colour Scheme So As To Facilitate A Distinctively More Effective Use Of The Book. This Highly Readable, Lucid, Handy, And Exceptionally Knowledgeable Textbook Will Definitely Win A Better, Bigger, And Confident Place For Itself Amongst Its Valued Readers.

Foye's Principles of Medicinal Chemistry

McGraw-Hill Encyclopedia of Science & Technology

Dr A Jagarsamy's Textbook of Medicinal Chemistry is a much-awaited masterpiece in its area. Targeted mainly to B. Pharm. students, this book will also be useful for M. Pharm. as well as M. Sc. organic chemistry and pharmaceutical chemistry students. It aims at eliminating the inadequacies in teaching and learning of medicinal chemistry by providing enormous information on all the topics in medicinal chemistry of synthetic drugs. Salient Features Contains clear classification, synthetic schemes, mode of action, metabolism, assay, pharmacological uses with the dose and structure-activity relationship (SAR) of the following classes of drugs: Drugs acting on inflammation Drugs acting on respiratory system Drugs acting on digestive system. The textbook contains definitions and illustrations of potential medicinal drugs. A separate section on chemotherapy and the various classes of chemotherapeutic agents. A large number of recent topics like anti-HIV agents Contains brief introduction about the physiological and pathophysiological conditions of diseases and their treatment under each topic. Provides well-illustrated synthetic schemes and alternative synthetic routes for majority of drugs that help in quick and enhanced understanding of the subject. Covers the syllabus of majority of Indian universities.

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For many people, taking some form of medication is part of everyday life, whether for mild or severe illness, acute or chronic disease, to target infection or to relieve pain. However, for most it remains a mystery as to what happens once the drug has been taken into the body. How do the drugs actually work? Furthermore, by what processes are new drugs discovered and brought to market? An introduction to Medicinal Chemistry, synthesis, provides an accessible and comprehensive account of this fascinating multidisciplinary field. Assuming little prior knowledge, the text is ideal for those studying the subject for the first time. In addition to covering the key principles of drug design and drug action, the text also discusses important current topics in medicinal chemistry. The subject is brought to life throughout by engaging case studies highlighting particular classes of drugs, and the stories behind their discovery and development.

Remington Farmacia

Pharmacology for Chemists

Comprehensive and up-to-date, this unique four-volume set offers readers a complete overview of the broad spectrum of general chemistry. It enables them to obtain a basic, yet thorough understanding of matter, the processes it undergoes, the principles that govern it, and the international cast of men and women who have been critical in the development of the science of chemistry. From elements, atoms, and molecules to stoichiometry, spectroscopy, and chemical bonding, this clear and concise explanation provide an illuminating and readily comprehensible introduction. Key presentations include forty element definition articles, each providing basic periodic table information and general information on the element in question. Ninety-five biographical articles deal with prominent chemists, while other articles provide additional historical context, particularly with respect to eighteenth-, nineteenth-, and twentieth-century developments. Four volumes.

Registy of Toxic Effects of Chemical Substances
The Antiseptic

Green Chemistry

“[This compilation provides] ready reference for potential toxicity of chemicals found in the workplace, and should be useful to occupational health physicians, industrial hygienists, toxicologists, and researchers.” A alphabetical arrangement by substances. Entries include such details as molecular weight, Wiswesser Line Notation, synonyms, and reference from which data about toxicity derived. Wisudaneous appendices, including one titled Aristic toxicity. Bibliographic references.

Pharmacy Review

The Sixth Edition of this well-known text has been fully revised and updated to meet the changing curricula of medicinal chemistry courses. Emphasis is on patient-focused pharmaceutical care and on the pharmacist as a therapeutic consultant, rather than a chemist. A new disease state management section explains appropriate therapeutic options for asthma, chronic obstructive pulmonary disease, and men's and women's health problems. A new to this edition: Clinical Significance boxes, Drug List at the beginning of appropriate chapters, and an eight-page color insert with detailed illustrations of drug structures. Case studies from previous editions and answers to this edition's case studies are available online at thePoint.

Liquid-Liquid Interfaces: Theory and Methods

Dynamic Encyclopedia of Chemistry: A-C

This comprehensive Fifth Edition has been fully revised and updated to meet the changing curricula of medicinal chemistry courses. The new emphasis is on pharmaceutical care that focuses on the patient, and on the pharmacist a therapeutic clinical consultant, rather than chemist. A approximate 45 contributors, respected in the field of pharmacy education, augment this exhaustive reference. New to this edition are chapters with standardized formats and features, such as Case Studies, Therapeutic A Crash, Drug Interactions, and more. Over 700 illustrations supplement this must-have resource.

Medical Books and Serials in Print

The Practice of Medicinal Chemistry, Fourth Edition provides a practical and comprehensive overview of the daily issues facing pharmaceutical researchers and chemists. In addition to its thorough treatment of basic medicinal chemistry principles, this updated edition has been revised to provide more and expanded coverage of the latest technologies and approaches in drug discovery. With topics like high content screening, scoring, docking, binding free energy calculations, polypharmacology, QSAR, chemical collections and databases, and much more, this book is the go-to reference for all academic and pharmaceutical researchers who need a complete understanding of medicinal chemistry and its application to drug discovery and development. Includes updated and expanded material on systems biology, chemoinformatics, computer-aided drug design, and other important recent advances in the field incorporates extensive color figures, case studies, and practical examples to help users gain a further understanding of key concepts Provides high-quality content in a comprehensive manner, including contributions from international chapter authors to global the nature of medicinal chemistry and drug development research A image bank is available for instructors at www.textbooks.elsevier.com

Understanding the Basics of QSAR for Applications in Pharmaceutical Sciences and Risk Assessment

Emphasizing the molecular action of drugs, this text incorporates recent findings from biochemical pharmacology along with the latest insights into the interactions of drugs with their receptors. It is organized by targets of drug action—endothelial messengers and their receptors, membranes, enzymes, and DNA, among others—and covers all drug groups and their therapeutic applications. This new edition has been thoroughly revised to provide expanded coverage of co-transmitters and neurohormones as well as adrenoceptors and calcium channel blockers. The chapter on drug distribution and metabolism has been extended, and the final chapter on principles of drug design outlines new methods, such as numerical techniques and computer graphics. Other new topics include atrial natriuretic factors, antithymocyte drugs, and DNA topoisomerase inhibitor mechanism of action and antitumor and antibacterial agents. The text is illustrated with hundreds of formulas and tables, and the index includes an extensive listing of drugs

Remington

With expert contributions from experienced educators, research scientists and clinicians, Foye’s Principles of Medicinal Chemistry, Eighth Edition is an invaluable resource for professional students, graduate students and pharmacy faculty alike. This gold standard text explains the chemical basis of drug action, emphasizing the structure-activity relationships, physicochemical-pharmacodynamic properties, and metabolic profiles of the most commonly used drugs. Comprehensive coverage of the most cutting edge understanding of drug chemistry, organized and written for ready comprehension Extensively referenced to allow learners to explore areas of interest in greater depth.

Contemporary focus on drugs viewed by practitioners as the most critically important in today’s health care environment Clinical Significance testimonials that provide a clinician’s view of the relevance of medicinal chemistry to practice Science-practice interface made explicit through drug monographs that highlight therapeutic indications, adverse reactions and drug-drug interactions End-of-Chapter exercises that allow learners to test their understanding and recall of key concepts E-book available. Fast, smart, and convenient, today’s e-books can transform learning. These interactive, fully searchable tools offer 24/7 access on multiple devices, the ability to highlight and share notes, and much more.

Dangerous Properties of Industrial Materials

This text/reference presents fundamental aspects of medicinal chemistry and contains comprehensive information on approximately 5,000 drugs currently in use, describing their therapeutic uses, their mechanisms of action, and their side and harmful effects. Employing the latest World Health Organization (WHO) pharmacological classification and provides extensive information for drugs on WHO’s latest list of basic or essential pharmaceuticals, including history; chemical, trade and generic names; chemical structure; mechanism of action; therapeutic uses; adverse reactions; biotransformation; chemical and pharmacological incompatibilities, bioavailability, dosage, storage, and assay.

Burger’s Medicinal Chemistry and Drug Discovery, Principles and Practice

Based on his profound knowledge of past and present paradigms in the development of medicines, the author takes the reader from the very beginnings of pharmacology to the multibillion-dollar business it represents today. Recounting the often spectacular successes and failures of innovative drugs as well as the people who discovered them, he brings abstract science to life anecdotal form. The book is beautifully illustrated, containing historical photographs of drugs and their discoverers, and abounds with references to the primary literature, listing seminal publications alongside more modern reviews for readers seeking further details. For anyone with a more than superficial interest in the science of drugs: instructive and enjoyable for a broad audience of students, instructors and professionals in pharmacy, the pharmaceutical chemistry and related fields.

Wilson and Giswold’s Textbook of Organic Medicinal and Pharmaceutical Chemistry

Green Chemistry. An inclusive approach provides a broad overview of green chemistry for researchers from either an environmental science or chemistry background, starting at a more elementary level, incorporating more advanced concepts, and including more chemistry as the book progresses. Every chapter includes recent, state-of-the-art references, in particular, review articles, to introduce researchers to this field of interest and provide them with information that can be easily built upon. By bringing together experts in multiple subdisciplines of green chemistry, the editors have curated a single central resource for an introduction to the discipline as a whole. Topics include a broad array of research fields, including the chemistry of Earth’s atmosphere, water and soil, the synthesis of fine chemicals, and sections on pharmaceuticals, plastics, energy related issues (energy storage, fuel cells, solar, and wind energy conversion etc.), fine chemicals and their handling, chemical toxicology issues of everyday products (from perfumes to detergents or clothing), and environmental policy issues. Introduces the topic of green chemistry with an overview of key concepts and provides an integrated overview of the latest research and applications, providing both the breadth and depth researchers need. Includes a broad range of application-based problems to make the content accessible for professional researchers and undergraduate and graduate students. Authored by experts in a broad range of fields, providing inside information on the aspects or challenges of a given field that are most important and urgent.

Synthesis of Best-Seller Drugs

Understanding the Basics of QSAR for Applications in Pharmaceutical Sciences and Risk Assessment describes the historical evolution of quantitative structure-activity relationship (QSAR) approaches and their fundamental principles. This book includes clear, introductory coverage of the statistical methods applied in QSAR and new QSAR techniques, such as HQSAR and G-QSAR. Contains real-world examples that illustrate important methodologies, this book identifies QSAR as a valuable tool for many different applications, including drug discovery, predictive toxicology and risk assessment. Written in a straightforward and engaging manner, this is the ideal resource for all those looking for general and practical knowledge of QSAR methods. Includes numerous practical examples related to QSAR methods and applications. Follows the Organization for Economic Co-operation and Development principles for QSAR model development. Discusses related techniques such as structure-based design and the combination of...