



Chhajed SS, Upasani CD, Wadher SJ, Mahapatra DK. Medicinal Chemistry. Nashik: Career Publications Private Limited, November 2017 (138 pp) (ISBN: 9789382322696)



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Recent years have seen unprecedented growth in chemistry, focusing on therapeutic applications. The topic was allowed to develop unimpeded as scientific understanding grew over time. Medicinal chemistry has always been and will always be the foundation of the pharmaceutical sciences. The authors of this book set out to address the pressing theoretical and practical challenges facing today's students everywhere. This text follows the B.Pharm curricula suggested by the Pharmacy Council of India (PCI) in New Delhi and thus applies to many Indian universities. This book stands out from the crowd since it has a reader-friendly structure for learning: Introduction, Classification, Mechanism of action, Synthesis, Applications, etc. The book is meant to meet the needs of undergraduate students in a practical setting by bringing together Pharmacy, Chemistry, Medicine, and Clinical considerations.

To be perfect, a book has to do three things: 1) provide students with all the information they need to improve themselves; 2) help them concentrate on what matters most; and 3) help them do well on challenging exams. How do I begin? When should I start writing? The book's contents, and the question of why they should be included, revolve around this very question.

The primary goal of this work is to introduce students to the fundamentals of the pharmaceutical industry. The learner can tell the two apart after reading the material and developing the novel's plan independently. The book has rich illustrations, and key points are highlighted in boxes throughout. The best ways to convey complex ideas in professional courses taught worldwide (e.g., B.Pharm, B.Sc. (Pharm. Chem.), BS, M.Sc., M.Pharm., MS, etc.) are to use visual aids like figures, pictures, flowcharts, and diagrams.

Grades are also an essential indicator of a student's performance. Students should strive to answer questions in

proportion to the points they are worth. This book is intended for college students to read to do well on their exams. It is intended to entice readers of different professional courses with a high degree of illustration and critical data, statistics, flowcharts, and diagrams pertinent to the material presented in the simplest and most intelligible way possible. All sections have been brought up to date and are comprehensive and assembled in a way that makes them simple to copy and distribute.

The authors have provided a comprehensive reference work on medicinal chemistry, including fundamental concepts and practical examples. Insights into drug development, pharmacological properties of natural products, druggable targets of chemical mediators, and several kinds of medicinal substances are all brought together in this book, as the title suggests. The writers' utilisation of their expertise in the field and their capture of the most up-to-date relevant literature contribute to the book's depth of analysis. In each chapter, the authors successfully combine elements of medicinal chemistry, chemical biology, chemical synthesis, pharmacology, and other topics. The book's primary emphasis is on the research and discovery of new medicines, whether via traditional or novel methods. This book is written in a way that is accessible to students, and it contains many illustrations in the form of examples, diagrams, and figures.

A fascinating chapter on pharmacological interactions, an element of pharmacy practice, is included in the book despite its primary concentration on medicinal chemistry. Readers interested in learning more about the many multidisciplinary methods used in the pharmaceutical industry will find this book invaluable. This book will shed light on interesting new directions for studying medicinal chemistry.