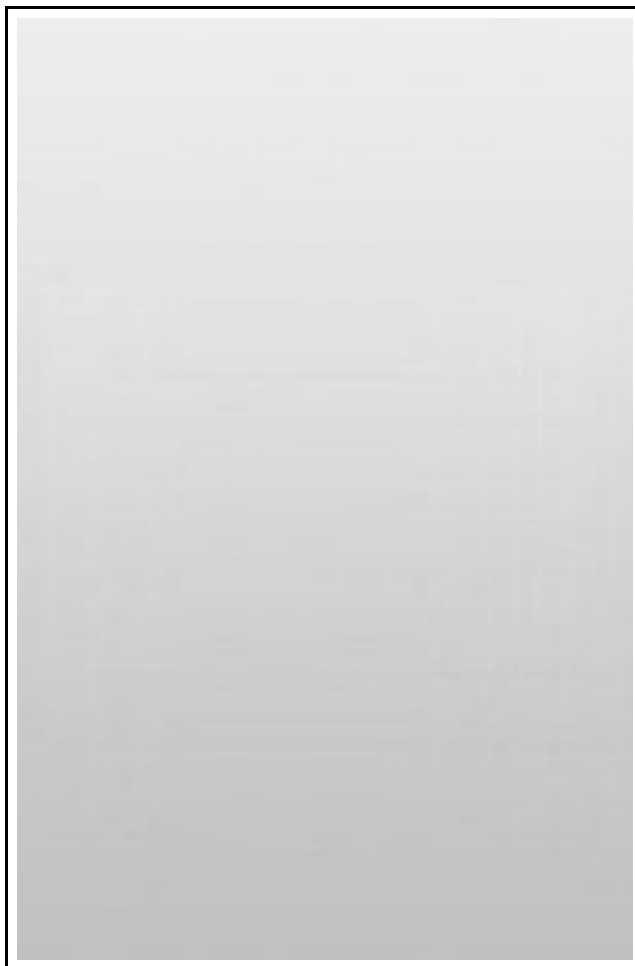


Advanced Practical Medicinal Chemistry



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Reviews

This publication is fantastic. It really is full of knowledge and wisdom You are going to like just how the author write this publication.

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New Age International (P) Limited, 2015. Softcover. Book Condition: New. 2nd edition. The present thoroughly revised and adequately expanded Second Edition of the textbook essentially includes the synthesis of ten most important ?drugs? belonging to various categories, namely: Diphenhydramine Hydrochloride Cimetidine Hydrochlorothiazide Indomethacin Methocarbamol Meperidine Hydrochloride Phenformin Hydrochloride Triazolam Trimethadione Xylometazoline. The present compendium on ?Advanced Practical Medicinal Chemistry? is designed specifically to serve as a text-cum-reference book not only intended for the advanced undergraduate and graduate students of Pharmacy specializing in pharmaceutical chemistry but also for the bulk-drug industrial researchers and academics who work intimately with medicinal compounds. It mainly comprises of four comprehensive chapters. First chapter is entirely devoted to ?Safety in Chemical Laboratory?, which is an absolute must for each medicinal chemist. Second chapter is on ?Drug Synthesis? and concentrates on three vital aspects, namely: conceptualization of a synthesis, reaction variants, and stereochemistry. Third chapter exclusively deals with ?Performing the Reactions? and entails the wide range of latest laboratory techniques used in a good chemical laboratory to facilitate synthesis of ?drugs? Fourth chapter is particularly focused and earmarked to ?Synthesis of Medicinal Compounds?, and essentially include various cardinal aspects, such as: types of chemical reactions, organic name reactions (ONRs), and selected medicinal compounds. A galaxy of ninety carefully chosen medicinal compounds have been presented in an original unique-style comprising of: Chemical structure, synonym (s)/chemical name (s)-theory chemicals required-procedure-precautions-recrystallization-theoretical yield/practical yield, physical parameters, uses, and questions for viva-voce. It is hoped that ?Advanced Practical Medicinal Chemistry? would certainly help to bridge existing gap and fill up the long needed vacuum in the synthesis of ?drugs?in pharmaceutical chemistry departments, academics and bulk-drug industries, and may provide the basis for meaningful productive group discussions of synthetic problems on a broader perspective. Printed Pages: 348.



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