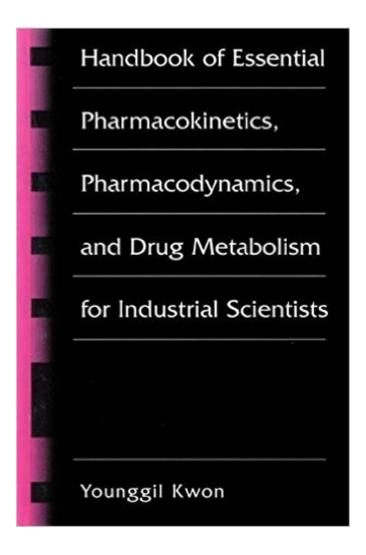
The book was found

Handbook Of Essential Pharmacokinetics, Pharmacodynamics And Drug Metabolism For Industrial Scientists





Synopsis

In the pharmaceutical industry, the incorporation of the disciplines of pharma-kinetics, pharmacodynamics, and drug metabolism (PK/PD/DM) into various drug development processes has been recognized to be extremely important for approp- ate compound selection and optimization. During discovery phases, the identifi- tion of the critical PK/PD/DM issues of new compounds plays an essential role in understanding their pharmacological profiles and structure-activity relationships. Owing to recent progress in analytical chemistry, a large number of compounds can be screened for their PK/PD/DM properties within a relatively short period of time. During development phases as well, the toxicology and clinical study designs and trials of a compound should be based on a thorough understanding of its PK/PD/DM properties. During my time as an industrial scientist. I realized that a reference work designed for practical industrial applications of PK/PD/DM could be a very valuable tool for researchers not only in the pharmacokinetics and drug metabolism departments, but also for other discovery and development groups in pharmaceutical companies. This book is designed specifically for industrial scientists, laboratory assistants, and managers who are involved in PK/PD/DM-related areas. It consists of thirteen chapters, each of which deals with a particular PK/PD/DM issue and its industrial applications. Chapters 3 and 12 in particular address recent topics on higher throughput in vivo exposure screening and the prediction of pharmacokinetics in humans, respectively. Chapter 8 covers essential information on drug metabolism for industrial scientists.

Book Information

Paperback: 291 pages

Publisher: Springer; Softcover reprint of the original 1st ed. 2002 edition (October 4, 2013)

Language: English

ISBN-10: 147578693X

ISBN-13: 978-1475786934

Product Dimensions: 6.1 x 0.7 x 9.2 inches

Shipping Weight: 1.1 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #2,371,710 in Books (See Top 100 in Books) #32 in Books > Medical Books >

Pharmacology > Pharmacodynamics #1029 in Books > Medical Books > Medicine > Internal

Medicine > Endocrinology & Metabolism #1487 in Books > Textbooks > Medicine & Health

Sciences > Allied Health Services > Pharmacy

Download to continue reading...

Handbook of Essential Pharmacokinetics, Pharmacodynamics and Drug Metabolism for Industrial Scientists Pharmacology Study Guide: drug classification, indications, reactions, and examples, Pharmacodynamics, Pharmacokinetics, Medical Chemistry & more for medical, ... nursing, & dental students (Mobi Medical) Basic Pharmacokinetics and Pharmacodynamics: An Integrated Textbook and Computer Simulations Clinical Pharmacokinetics and Pharmacodynamics: Concepts and Applications By Malcolm Rowland - Clinical Pharmacokinetics and Pharmacodynamics: Concepts and Applications (4th Edition) (12/29/09) Metabolism, Pharmacokinetics and Toxicity of Functional Groups: Impact of Chemical Building Blocks on ADMET (Drug Discovery) Applied Biopharmaceutics & Pharmacokinetics, Sixth Edition (Shargel, Applied Biopharmaceuticals & Pharmacokinetics) Basic Clinical Pharmacokinetics (Basic Clinical Pharmacokinetics (Winter)) Evaluation of Industrial Disability: Prepared by the Committee of the California Medical Association and Industrial Accident Commission of the State ... of Joint Measures in Industrial Injury Cases. The Metabolism Miracle Cookbook: 175 Delicious Meals that Can Reset Your Metabolism, Melt Away Fat, and Make You Thin and Healthy for Life Fast Metabolism and Weight Loss: How to Boost Your Metabolism and Lose Weight Fast Metabolism Diet Cookbook: Healthy & Wholesome Fast Metabolism Diet Recipes to Slim Down and Burn Fat Essential Oils: Ultimate Essential Oils Guide and 89 Powerful Essential Oil Recipes! (2nd Edition) - How to Use Essential Oils for Aromatherapy and Healthy ... Loss, Essential Oil Recipes, Aromatherapy) ESSENTIAL OILS: Aromatherapy, Essential Oils For Beginners, And Essential Oil Recipes To Improve Your Health (Medicinal Herbs) (Essential oil recipes, ... Aromatherapy and essential oils Book 1) Essential Oils: 50 Essential Oil Dog & Cat Recipes From My Essential Oil Private Collection: Proven Essential Oil Recipes That Work! (Essential Oil Pet Private Collection Book 1) Nursing2017 Drug Handbook (Nursing Drug Handbook) The Renal Drug Handbook: The Ultimate Prescribing Guide for Renal Practitioners, 4th Edition (Ashley, the Renal Drug Handbook) McGraw-Hill Nurses Drug Handbook, Seventh Edition (McGraw-Hill's Nurses Drug Handbook) Nursing2014 Drug Handbook (Nursing Drug Handbook) Nursing2013 Drug Handbook (Nursing Drug Handbook)

<u>Dmca</u>