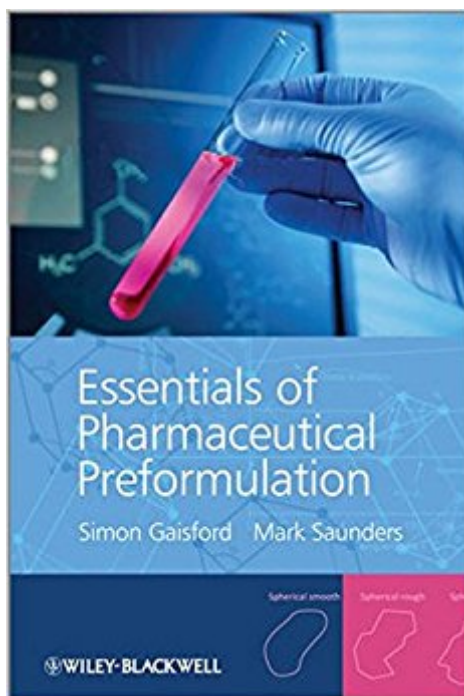


The book was found

Essentials Of Pharmaceutical Preformulation



Synopsis

Essentials of Pharmaceutical Preformulation is a study guide which describes the basic principles of pharmaceutical physicochemical characterisation. Successful preformulation requires knowledge of fundamental molecular concepts (solubility, ionisation, partitioning, hygroscopicity and stability) and macroscopic properties (physical form, such as the crystalline and amorphous states, hydrates, solvates and co-crystals and powder properties), familiarity with the techniques used to measure them and appreciation of their effect on product performance, recognising that often there is a position of compromise to be reached between product stability and bioavailability. This text introduces the basic concepts and discusses their wider implication for pharmaceutical development, with reference to many case examples of current drugs and drug products. Special attention is given to the principles and best-practice of the analytical techniques that underpin preformulation (UV spectrophotometry, TLC, DSC, XRPD and HPLC). The material is presented in the typical order that would be followed when developing a medicine and maps onto the indicative pharmacy syllabus of the Royal Pharmaceutical Society of Great Britain Undergraduate-level pharmacy students and R&D / analytical scientists working in the pharmaceutical sector (with or without a pharmaceutical background) will find this text easy to follow with relevant pharmaceutical examples. Essential study guide for pharmacy and pharmaceutical science students Covers the pharmaceutical preformulation components of the Royal Pharmaceutical Society of Great Britain's indicative syllabus Easy to follow text highlighted with relevant pharmaceutical examples Self-assessment assignments in a variety of formats Written by authors with both academic and industrial experience Companion website with further information to maximise learning

Book Information

Paperback: 268 pages

Publisher: Wiley-Blackwell; 1 edition (December 26, 2012)

Language: English

ISBN-10: 0470976365

ISBN-13: 978-0470976364

Product Dimensions: 6.6 x 0.5 x 9.6 inches

Shipping Weight: 1.2 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #4,085,124 in Books (See Top 100 in Books) #77 in Books > Medical

Books > Pharmacology > Product Development #2265 inÃ Â Books > Textbooks > Medicine & Health Sciences > Allied Health Services > Pharmacy #3195 inÃ Â Books > Engineering & Transportation > Engineering > Bioengineering > Biotechnology

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

Essentials of Pharmaceutical Preformulation Integrated Pharmaceutics: Applied Preformulation, Product Design, and Regulatory Science Introduction to the Pharmaceutical Sciences: An Integrated Approach (Pandit, Introduction to the Pharmaceutical Sciences) Transport Processes in Pharmaceutical Systems (Drugs and the Pharmaceutical Sciences) Pharmaceutical Skin Penetration Enhancement (Drugs and the Pharmaceutical Sciences) Pharmaceutical Particulate Carriers: Therapeutic Applications (Drugs and the Pharmaceutical Sciences) Pharmaceutical Dosage Forms: Tablets, Third Edition (Three-Volume Set): Pharmaceutical Dosage Forms: Tablets, Volume 1, Second Edition The Clinical Audit in Pharmaceutical Development (Drugs and the Pharmaceutical Sciences) Polymorphism in Pharmaceutical Solids (Drugs and the Pharmaceutical Sciences) Automation and Validation of Information in Pharmaceutical Processing (Drugs and the Pharmaceutical Sciences) Pharmaceutical Process Validation, Second Edition (Drugs and the Pharmaceutical Sciences) Modern Essentials Bundle 6th - Modern Essentials 6th Edition a Contemporary Guide to the Therapeutic Use of Essential Oils, An Introduction to Modern Essentials, and Modern Essentials Reference Card Prepper Essentials: Prepper Essentials What Every Survivalist Needs To Know When Building The Ultimate SHTF Stockpile (Survival Handbook, DIY, Emergency ... Essentials Books, Emergency Prepared) Stedman's Plus 2016 Medical/Pharmaceutical Spellchecker (Standard) Pharmaceutical Calculations Ansel's Pharmaceutical Dosage Forms and Drug Delivery Systems Martin's Physical Pharmacy and Pharmaceutical Sciences Pharmaceutical Calculations 13th edition Rules and Guidance for Pharmaceutical Manufacturers and Distributors (Orange Guide) 2017 Pharmaceutical Calculations Flash Cards for Pharmacy Technician Drug Dosage Vol 2 of 2: Easily Pass the PTCE & ExCPT for Cheaters

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)