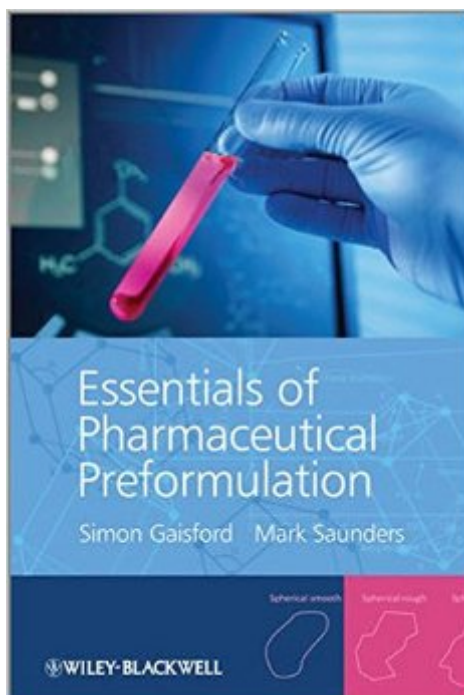


The book was found

# 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: #3,594,185 in Books (See Top 100 in Books) #87 in Books > Medical Books >

Pharmacology > Product Development #2119 inÂ Books > Textbooks > Medicine & Health Sciences > Allied Health Services > Pharmacy #2929 inÂ Books > Engineering & Transportation > Engineering > Bioengineering > Biotechnology

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

Essentials of Pharmaceutical Preformulation Pharmaceutical Analysis: A Textbook for Pharmacy Students and Pharmaceutical Chemists, 3e Pharmaceutical Analysis: A Textbook for Pharmacy Students and Pharmaceutical Chemists Transport Processes in Pharmaceutical Systems (Drugs and the Pharmaceutical Sciences) Pharmaceutical Particulate Carriers: Therapeutic Applications (Drugs and the Pharmaceutical Sciences) Pharmaceutical Pelletization Technology (Drugs and the Pharmaceutical Sciences) The Clinical Audit in Pharmaceutical Development (Drugs and the Pharmaceutical Sciences) Pharmaceutical & Biotech Patent Law (Pharmaceutical and Biotech Patent Law) Pharmaceutical Analysis: A Textbook for Pharmacy Students and Pharmaceutical Chemists, 2e Pharmaceutical Dissolution Testing (Drugs and the Pharmaceutical Sciences) Pharmaceutical Dosage Forms: Tablets, Third Edition (Three-Volume Set): Pharmaceutical Dosage Forms: Tablets, Volume 1, Second Edition Pharmaceutical Process Engineering (Drugs and the Pharmaceutical Sciences) Modern Essentials Bundle - Modern Essentials \*7th Edition\* a Contemporary Guide to the Therapeutic Use of Essential Oils, an Intro to Modern Essentials, Reference Card, and Aroma Designs Bookmark Prepper Essentials: Prepper Essentials What Every Survivalist Needs To Know When Building The Ultimate SHTF Stockpile (Survival Handbook, DIY, Emergency ... Essentials Books, Emergency Prepared) DSP Architecture Design Essentials (Electrical Engineering Essentials) Evernote Essentials: The Basics of the Most Popular Notebook App for Beginners with pics examples:(101 evernote app, evernote, evernote essentials, evernote for beginners, evernote mastery) Packaging Essentials: 100 Design Principles for Creating Packages (Design Essentials) Essentials of Online Course Design: A Standards-Based Guide (Essentials of Online Learning) Essentials for Blended Learning: A Standards-Based Guide (Essentials of Online Learning) Essentials of Lewis's Child and Adolescent Psychiatry (Essentials Of... (Lippincott Williams & Wilkins))

[Dmca](#)