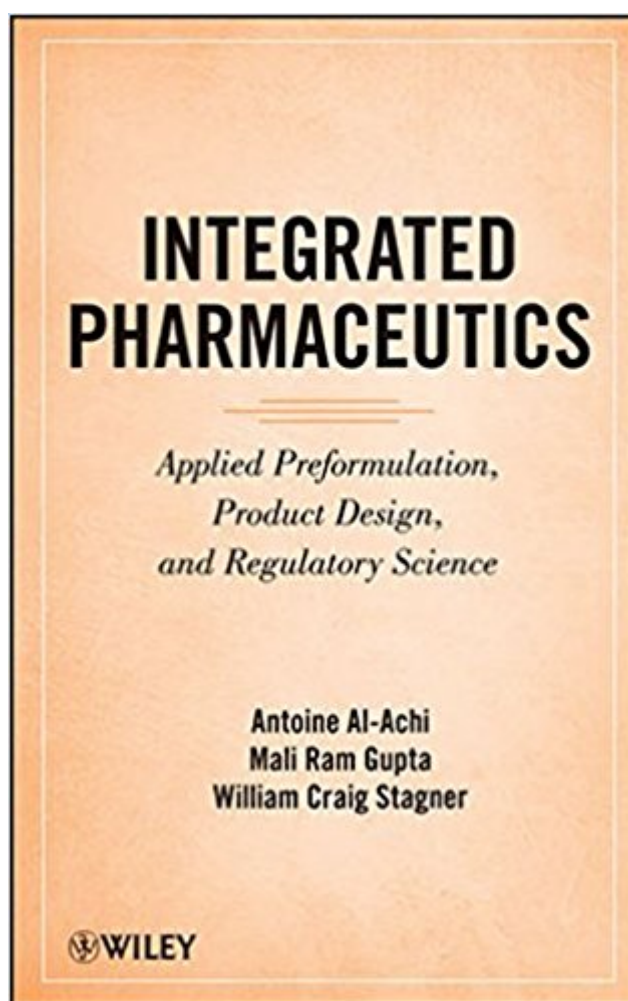


The book was found

Integrated Pharmaceuticals: Applied Preformulation, Product Design, And Regulatory Science



Synopsis

Focusing on the application of physical pharmacy, drug design, and drug regulations as they relate to produce effective dosage forms for drug delivery, *Integrated Pharmaceutics* provides a comprehensive picture of pharmaceutical product design, describing the science and art behind the concepts of dosage form development. Combining physical pharmacy, product design, and regulatory affairs issues in a single book, the authors address topics governing drug regulations of United States, European, and Japanese agencies and detail new regulatory guidelines, including quality by design, design space analysis, and blend sample uniformity.

Book Information

Hardcover: 1016 pages

Publisher: Wiley; 1 edition (February 11, 2013)

Language: English

ISBN-10: 0470596929

ISBN-13: 978-0470596920

Product Dimensions: 6.3 x 2.3 x 9.5 inches

Shipping Weight: 3 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 4 customer reviews

Best Sellers Rank: #2,276,442 in Books (See Top 100 in Books) #41 in [Books > Medical Books > Pharmacology > Product Development](#) #756 in [Books > Engineering & Transportation > Engineering > Bioengineering > Biomedical Engineering](#) #910 in [Books > Science & Math > Chemistry > Industrial & Technical](#)

Customer Reviews

An examination of all aspects of the science and art of dosage form development Integrating physical pharmacy, drug design, and drug regulation, this book examines all the key elements needed to produce effective dosage forms for drug delivery. It begins by setting a solid foundation of physical pharmacy principles such as drug stability estimation, rheology, and interfacial properties. Next, the authors explain how to incorporate these principles into product design. Lastly, the book integrates harmonized pharmaceutical development regulatory guidelines and requirements with the science and technology of pharmaceutical product design in the United States, European Union, and Japan. *Integrated Pharmaceutics* offers a comprehensive portrait of pharmaceutical product design, fully describing the science and art of dosage form development. Readers will find clear and thorough coverage of: Fundamental physical pharmacy principles and their role in drug product

design Regulatory science section covering drug regulation, pharmacy compounding practices, manufacturing validation, and quality systems and controls Recent regulatory guidelines for quality by design, design space analysis, process analytical technology, polymorphism characterization, blend sample uniformity, stability protocols, and biopharmaceutical classification systems Each chapter includes a glossary defining key terms and a list of references leading to the primary literature in the field. Many of the chapters also feature case studies, reference appendices, and practical problems, enabling readers to apply the principles set forth in the book to solve common problems in drug product design. With its comprehensive, multidisciplinary approach, Integrated Pharmaceutics is recommended for graduate-level courses in pharmacy, the pharmaceutical sciences, pharmaceutics, physical pharmacy, drug formulation and design, and biomedicine. The book will also enable professionals in the pharmaceutical industry to apply an effective integrated approach to drug product design.

ANTOINE AL-ACHI, PhD, CT (ASCP), is Associate Professor of Pharmaceutics in the College of Pharmacy & Health Sciences at Campbell University. He is also the former head of the Formulation Development Division of Campbell's Pharmaceutical Sciences Institute (CUPSI). MALI RAM GUPTA, PhD, is Associate Professor of Pharmaceutical Sciences and Director of Pharmaceutical Education & Research Center (PERC) in the College of Pharmacy & Health Sciences. Prior to joining the faculty at Campbell University, he spent twenty-five years in various positions at Revlon, including director of quality control and assurance. WILLIAM CRAIG STAGNER, PhD, RPh, is Professor of Pharmaceutical Sciences and Director of Campbell University's Center for Analysis of Pharmaceutical Biomaterials. Prior to joining the faculty at Campbell, he established the Pharmaceutics Department at Glaxo Research Institute.

Very resourceful

There are a lot of distilled information and wise advices. This book should be a good reference for manufacturing and RD scientists.

Being a professor of pharmaceutics in a pharmacy school, I am delighted to own a copy of "Integrated Pharmaceutics" book! It is becoming a "to-go" reference for most of my lecture material, and I am glad to provide a review of this book. I would like to acknowledge the authors for writing such a comprehensive book which serves as a great resource for anyone in the field of

Pharmaceutics. This book is a unique compilation of current topics taught to undergraduate as well as graduate students. "Integrated Pharmaceutics" offers various topics from physical pharmacy, biostatistics, pharmaceutical dosage forms and regulatory science. The book provides practical problem solving exercises, case studies and various references, which are helpful for the reader. I hope this review serves to be helpful for my peers who are looking for a resource with such unique yet comprehensive compilation of topics.

This book is an excellent comprehensive reference or study guide for those in pharmaceutical industry or student of pharmaceutics. The contents are organized so well and inclusive, it extensively covers the basics of preformulation, product design (formulation) and regulatory science, which is an extremely important part of the pharmaceutical industry. A Great book !

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

Integrated Pharmaceutics: Applied Preformulation, Product Design, and Regulatory Science Agile Product Management: Product Owner: 27 Tips To Manage Your Product And Work With Scrum Teams (scrum, scrum master, agile development, agile software development) Applied Pharmaceutics in Contemporary Compounding Pharmaceutics: The Science of Dosage Form Design The Crisis in Telecommunications Carrier Liability: Historical Regulatory Flaws and Recommended Reform (Topics in Regulatory Economics and Policy) Essentials of Pharmaceutical Preformulation Drawing for Product Designers (Portfolio Skills: Product Design) Particle Size Analysis In Pharmaceutics And Other Industries: Theory And Practice (Prentice Hall International Series in Computer Science) Particle Size Analysis In Pharmaceutics And Other Industries (Prentice Hall International Series in Computer Science) FBA: Private Label Product Sourcing: Finding Manufacturers and Understanding Product Regulations, Standards, Customs and Import Tax Rates. (Mastermind Roadmap to Selling on with FBA Book 2) Product Leadership: How Top Product Managers Launch Awesome Products and Build Successful Teams Hair Care Product and Ingredients Dictionary (Milady's Hair Care Product Ingredients Dictionary) Strategize: Product Strategy and Product Roadmap Practices for the Digital Age The Product Manager's Field Guide : Practical Tools, Exercises, and Resources for Improved Product Management Take Charge Product Management: Time-Tested Tips, Tactics, and Tools for the New or Improved Product Manager Integrated circuit devices and components (Integrated-circuit technology, analog and logic circuit design, memory and display devices) PRODUCT LISTING FORMULA (FOR YOUR E-COMMERCE BUSINESS): How to Write Amazing Product Listing That Converts Into Paying Customers

Watch ... Finish (E-Commerce from A to Z Series Book 3) Product Manager

Interview: A Step by Step Approach to Ace the Product Manager Interview at The Product Book:
How to Become a Great Product Manager The Principles of Product Development Flow: Second
Generation Lean Product Development

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)