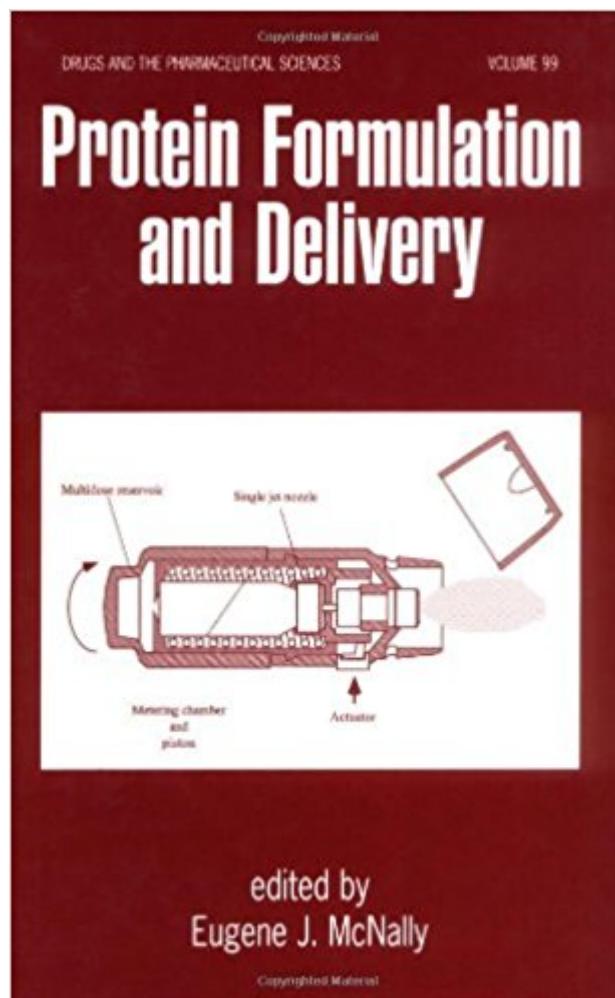


The book was found

# Protein Formulation And Delivery (Drugs And The Pharmaceutical Sciences)



## Synopsis

This handy reference provides insight into the approach used to identify the stability profile of a molecule that comes at the end of the drug registration process, and supplies an in-depth review of the mechanisms and associated causes of protein instability likely to be encountered during drug formulation development. Emphasizes the importance of selecting formulation conditions, excipients, and container closure systems to minimize degradation processes and maximize shelf stability! Organized to direct scientists new to the field of protein formulation to appropriate starting points of drug development, *Protein Formulation and Delivery* includes a discussion of accelerated stability testing and its limitations in identifying stable formulations details analytical methods commonly used in stability assessment and formulation development stresses the importance of demonstrating the stability-indicating nature of an assay describes the drug substance manufacturing process succinctly examines preformulation and development of traditional solution and lyophilized formulations intended for intravenous administration covers aseptic processing in drug development and the potential development of a freeze-drying cycle explores the development of nontraditional formulations, alternate routes of drug delivery, and controlled release dosage forms discusses the physical and chemical characteristics of proteins in microsphere delivery systems analyzes protein degradation mechanisms, and methods of detecting and monitoring degradation explores formulations intended for injection, inhalation, and controlled delivery and more! Presenting over 660 references and an extensive literature review valuable to scientists at every level, *Protein Formulation and Delivery* is an indispensable guide for industrial, research, and clinical pharmaceutical scientists, pharmacists, and pharmacologists; drug regulatory affairs personnel; biotechnologists; formulation, analytical, and synthetic chemists and engineers; and upper-level undergraduate and graduate students in these disciplines.

## Book Information

Series: Drugs and the Pharmaceutical Sciences (Book 175)

Hardcover: 278 pages

Publisher: CRC Press; 1 edition (September 21, 1999)

Language: English

ISBN-10: 0824778839

ISBN-13: 978-0824778835

Product Dimensions: 9.3 x 6 x 0.7 inches

Shipping Weight: 15.2 ounces

Average Customer Review: Be the first to review this item

Best Sellers Rank: #5,901,716 in Books (See Top 100 in Books) #68 in Books > Medical Books > Pharmacology > Drug Delivery Systems #3253 in Books > Textbooks > Medicine & Health Sciences > Allied Health Services > Pharmacy #4916 in Books > Textbooks > Medicine & Health Sciences > Medicine > Basic Sciences > Pharmacology

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

Protein Formulation and Delivery (Drugs and the Pharmaceutical Sciences) DIY Protein Bars: 25 Simple Protein Bar Recipes For Making Quick Healthy Snacks. Learn How to Make Protein Bars in No Time (diy protein bars, protein bars, high protein snacks) DIY Protein Bars: Simple & Tasty Homemade Protein Bar Recipes for Weight Loss, and Build Muscles to Replace a Properly Balanced Meal (Protein Bars, DIY Protein Bars, protein bars at home) Development and Formulation of Veterinary Dosage Forms, Second Edition (Drugs and the Pharmaceutical Sciences) Percutaneous Absorption: Drugs--Cosmetics--Mechanisms--Methodology: Drugs--Cosmetics--Mechanisms--Methodology, Third Edition, (Drugs and the Pharmaceutical Sciences) Transdermal Drug Delivery Systems: Revised and Expanded (Drugs and the Pharmaceutical Sciences) Controlled Drug Delivery: Fundamentals and Applications, Second Edition (Drugs and the Pharmaceutical Sciences) Microparticulate Systems for the Delivery of Proteins and Vaccines (Drugs and the Pharmaceutical Sciences) Bioadhesive Drug Delivery Systems: Fundamentals, Novel Approaches, and Development (Drugs and the Pharmaceutical Sciences) Prodrugs: Topical and Ocular Drug Delivery (Drugs and the Pharmaceutical Sciences) Nasal Systematic Drug Delivery (Drugs and the Pharmaceutical Sciences) Modified-Release Drug Delivery Technology (Drugs and the Pharmaceutical Sciences) Topical Drug Delivery Formulations (Drugs and the Pharmaceutical Sciences) Specialized Drug Delivery Systems (Drugs and the Pharmaceutical Sciences) Novel Drug Delivery Systems (Drugs and the Pharmaceutical Sciences, Volume 50) 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 Dissolution Testing (Drugs and the Pharmaceutical Sciences)

[Dmca](#)