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# Handbook Of Pharmaceutical Controlled Release Technology



## Synopsis

The Handbook of Pharmaceutical Controlled Release Technology reviews the design, fabrication, methodology, administration, and classifications of various drug delivery systems, including matrices, and membrane controlled reservoir, bioerodible, and pendant chain systems. Contains cutting-edge research on the controlled delivery of biomolecules! Discussing the advantages and limitations of controlled release systems, the Handbook of Pharmaceutical Controlled Release Technology covers oral, transdermal, parenteral, and implantable delivery of drugs discusses modification methods to achieve desired release kinetics highlights constraints of system design for practical clinical application analyzes diffusion equations and mathematical modeling considers environmental acceptance and tissue compatibility of biopolymeric systems for biologically active agents evaluates polymers as drug delivery carriers describes peptide, protein, micro-, and nanoparticulate release systems examines the cost, comfort, disease control, side effects, and patient compliance of numerous delivery systems and devices and more!

## Book Information

Hardcover: 902 pages

Publisher: CRC Press; 1st edition (August 24, 2000)

Language: English

ISBN-10: 0824703693

ISBN-13: 978-0824703691

Product Dimensions: 1.8 x 7 x 10 inches

Shipping Weight: 4 pounds (View shipping rates and policies)

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