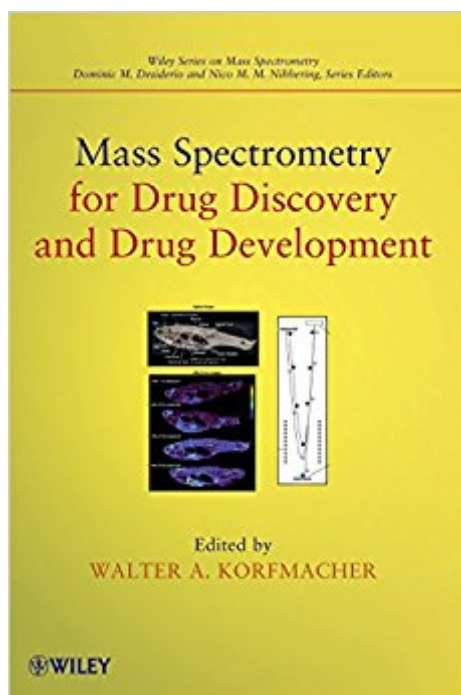


The book was found

Mass Spectrometry For Drug Discovery And Drug Development



Synopsis

Facilitates the discovery and development of new, effective therapeutics With coverage of the latest mass spectrometry technology, this book explains how mass spectrometry can be used to enhance almost all phases of drug discovery and drug development, including new and emerging applications. The book's fifteen chapters have been written by leading pharmaceutical and analytical scientists. Their contributions are based on a thorough review of the current literature as well as their own experience developing new mass spectrometry techniques to improve the ability to discover and develop new and effective therapeutics. Mass Spectrometry for Drug Discovery and Drug Development begins with an overview of the types of mass spectrometers that facilitate drug discovery and development. Next it covers: HPLC; high-resolution mass spectrometry for quantitative assays Mass spectrometry for siRNA Quantitative analysis of peptides Mass spectrometry analysis of biological drugs Applications that support medicinal chemistry investigations Mass spectrometry imaging and profiling Throughout the book, detailed examples underscore the growing role of mass spectrometry throughout the drug discovery and development process. In addition, images of mass spectra are provided to explain how results are interpreted. Extensive references at the end of each chapter guide readers to the primary literature in the field. Mass Spectrometry for Drug Discovery and Drug Development is recommended for readers in pharmaceuticals, including medicinal chemists, analytical chemists, and drug metabolism scientists. All readers will discover how mass spectrometry can streamline and advance new drug discovery and development efforts.

Book Information

Hardcover: 476 pages

Publisher: Wiley; 1 edition (January 29, 2013)

Language: English

ISBN-10: 047094238X

ISBN-13: 978-0470942383

Product Dimensions: 7.4 x 1.2 x 10.2 inches

Shipping Weight: 2.2 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #4,452,486 in Books (See Top 100 in Books) #95 in Books > Medical Books > Pharmacology > Product Development #1471 in Books > Science & Math > Chemistry > Analytic #2436 in Books > Textbooks > Medicine & Health Sciences > Allied

Customer Reviews

WALTER A. KORFMACHER, PhD, is Director of Bioanalysis at Genzyme, a Sanofi company, and Associate Editor at the Journal of Mass Spectrometry. Previously, he held positions at the FDA's National Center for Toxicological Research, Schering-Plough Research Institute, Merck Research Laboratories, and Medpace Bioanalytical Laboratories. Dr. Korfmacher is an international leader in developing mass spectrometry techniques and strategies for new drug discovery and drug metabolism applications. A 2009 recipient of the CPSA Distinguished Analytical Scientist Award, he has published more than 150 articles in the scientific literature and made more than eighty presentations at various scientific forums.

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

Mass Spectrometry for Drug Discovery and Drug Development Principles and Applications of Ion Scattering Spectrometry: Surface Chemical and Structural Analysis (Wiley Series on Mass Spectrometry) Handbook of Assay Development in Drug Discovery (Drug Discovery Series) Discovery Map 85: Cork Kerry (Discovery Maps): Cork Kerry (Discovery Maps) (Irish Discovery Series) Introduction to Mass Spectrometry: Instrumentation, Applications, and Strategies for Data Interpretation Mass Spectrometry: Principles and Applications Gas Chromatography and Mass Spectrometry: A Practical Guide, Second Edition Gas Chromatography and Mass Spectrometry: A Practical Guide Mass Spectrometry: Techniques for Structural Characterization of Glycans Handbook of Inductively Coupled Plasma Mass Spectrometry Mass Spectrometry: A Textbook Drug Delivery: Principles and Applications (Wiley Series in Drug Discovery and Development) New Drug Development: A Regulatory Overview (New Drug Development (Mathieu)) COX-2 Blockade in Cancer Prevention and Therapy (Cancer Drug Discovery and Development) ADME and Translational Pharmacokinetics / Pharmacodynamics of Therapeutic Proteins: Applications in Drug Discovery and Development Pharmaceutical Process Development: Current Chemical and Engineering Challenges (Drug Discovery) EGFR Signaling Networks in Cancer Therapy (Cancer Drug Discovery and Development) Cell Cycle Inhibitors in Cancer Therapy: Current Strategies (Cancer Drug Discovery and Development) Basic Principles of Drug Discovery and Development Cancer Chemoprevention: Volume 1: Promising Cancer Chemopreventive Agents (Cancer Drug Discovery and Development) (v. 1)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)