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Identification of Hydroxylamine, N-Oxide, and Hydroxylated Analogs of Desloratadine; 10. Turbulent-Flow LC-MS: Applications for Accelerating Pharmacokinetic Profiling and Metabolite Identification  
11. Desorption Ionization Techniques for Quantitative Analysis of Drug Molecules  
12. MALDI Imaging Mass Spectrometry for Direct Tissue Analysis of Pharmaceuticals; Index

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Sommario/riassunto

This timely reference discusses mass spectrometry in drug metabolism and pharmacokinetic studies. With contributions by professionals from the pharmaceutical industry, this book begins with a review of current mass spectrometry techniques and applications, followed by discussions of various methods for using MS in drug metabolism studies and pharmacokinetics. Highlighting the critical importance of ADME studies for understanding how a drug is absorbed, distributed, metabolized, and excreted by the body, the book focuses on the use of LC/MS and MALDI-MS. This is a valuable reference for scien

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