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STUDY: IDENTIFICATION OF IN VITRO METABOLITE/DECOMPOSITION PRODUCTS OF THE NOVEL DNA ALKYLATING AGENT LAROMUSTINE; CHAPTER 7: STRATEGIES FOR THE DETECTION OF REACTIVE INTERMEDIATES IN DRUG DISCOVERY AND DEVELOPMENT; CHAPTER 8: SAFETY TESTING OF DRUG METABOLITES: MIST GUIDANCE IMPACT ON THE PRACTICE OF INDUSTRIAL DRUG METABOLISM; INDEX

Sommario/riassunto

The goal of this book is to improve the readers' knowledge of metabolite elucidation in drug metabolism by exposing them to in depth coverage of the biotransformation of xenobiotics, strategies for identifying and characterizing metabolites, FDA guidelines, and case studies on how to improve the decision-making process in structural modification of drug candidates to reduce toxicity. The book consists of 8 chapters; it first provides an introduction on biotransformation of xenobiotics, and then presents modern approaches and strategies for dealing with metabolite characterization, using tool