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Solubility, Delivery and ADME Problems of Drugs and Drug-Candidates

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About the eBook

This comprehensive ebook covers all the aspects of ADME/PK modeling including solubility, absorption, formulation, metabolic stability, drug-drug interaction potential and a special delivery tool of drug candidates. The book provides an integrated view of fundamental ADME issues and challenges in early drug development from the aspect of practicing drug researchers

Contents

- Recent Advances in ADME Predictions
- Physicochemical Characterization of NCEs in Early Stage Drug Discovery
- Solubility as a Challenge in Drug Research and Development
- Preclinical Formulation in Early Drug Research
- Intestinal Absorption and Models of Penetration
- Induction and Inhibition of Drug Metabolizing Enzymes
- Drug Transport and the Blood-Brain Barrier
- Tools for Modelling Blood-Brain Barrier Penetrability

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