

Book Review

Pharmacokinetics and Metabolism in Drug Design

By Dennis A. Smith, Han van de Waterbeemd, Don K. Walker (Methods and Principles in Medicinal Chemistry, volume 13) Wiley-VCH, Weinheim, 2001. 150 pp.; ?50

The authors discuss the significant parameters and processes important for the absorption, distribution and retention of drug compounds in the body, plus the potential problems created by their transformation into toxic products.

Particular emphasis is placed on the impact of pharmacokinetic parameters on the discovery of new drugs.

Contents:

Physicochemistry
Pharmacokinetics
Absorption
Distribution
Clearance
Renal Clearance
Metabolic (Hepatic) Clearance
Toxicity
Inter-Species Scaling
High(er) Throughput ADME Studies

An index is provided.