

Drug Bioavailability



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The gold standard for industrial research now completely revised in line with current trends in the field, with all contributions extensively updated or rewritten.

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Part I focuses on in vitro and in vivo measurements of physicochemical properties, such as membrane permeability and ionization. Part II discusses solubility and gastrointestinal absorption, while the third part is devoted to metabolism and excretory mechanisms. The much revised and expanded part IV surveys current *in silico* approaches to predict drug properties needed to estimate the bioavailability of any new drug candidate. The final part shows how poor bioavailability may be improved by various approaches during the development process.

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