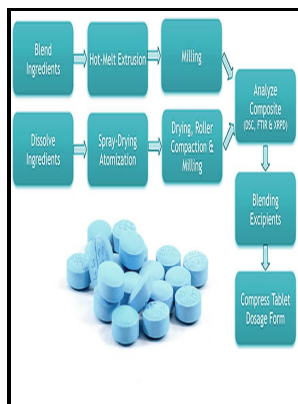


Pharmaceutical solid dispersion technology

Technomic Pub. Co. - SOLID DISPERSION: OVERVIEW OF THE TECHNOLOGY



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The uptake of the drug substance through the intestinal wall of these colloidal systems are complex and occur through a multi-stage process. International Journal of Pharmaceutics 1996; 127 2 : 261-272.

Fundamental aspects of solid dispersion technology for poorly soluble drugs

Therefore a drug with poor aqueous solubility will typically exhibit permeation rate limited absorption.

Revealing facts behind spray dried solid dispersion technology used for solubility enhancement

AAPS PharmSciTech 2006; 7 4 : 31-38. Therefore, solid dispersion upgrades the bioavailability of poorly soluble drugs by increasing the drug dissolution rate and their saturated solubility in the gastrointestinal fluids 34.

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