

Pharmaceutical solid dispersion technology

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



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- Drug delivery systems.
- Pharmaceutical technology.
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SOLID DISPERSION TECHNOLOGY: RECENT ADVANCEMENTS IN THE DELIVERY OF VARIOUS PHYTOCONSTITUENTS

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.

Pharmaceutical Solid Dispersion Technology: Habib, Muhammad J.: 9781566768139: vip.stumagz.com: Books

With over 85 years serving the industry, Catalent has proven expertise in bringing more customer products to market faster, enhancing product performance and ensuring reliable global clinical and commercial product supply. Solid dispersion is one of the well established and convenient techniques for improving the oral absorption of drugs with poor aqueous solubility and dissolution rate.

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