Micronization: a method of improving the bioavailability of poorly soluble drugs.
Chaumeil JC

Abstract
For poorly soluble drugs, the digestive absorption depends on their rate of dissolution. Decreasing the particle size of these drugs improves their rate of dissolution. Fine grinding mills are used to micronize powders: either jar mills or fluid energy mills. These processes were applied to griseofulvin, progesterone, spironolactone and diosmin. For each drug, micronization improved their digestive absorption, and consequently their bioavailability and clinical efficacy.

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