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Disintegrant Excipient

National Cancer Institute

Source

National Cancer Institute. *Disintegrant Excipient*. NCI Thesaurus. Code C42648.

Disintegrant excipient is a therapeutically inactive ingredient of a solid pharmaceutical dosage form that helps the form to dissolve within the gastrointestinal tract to ensure full release of the pharmaceutically active material. Disintegration rate of the tablet may be the rate limiting step for the absorption of the drug. Currently, disintegrants have been developed to the point that disintegration is not usually the rate limiting step. The US Pharmacopeia sets a time limit for disintegration. Microcrystalline cellulose and starch are examples of disintegrants.