

**Effect of crystallization modes on the formation of  
co-crystal**

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Co-crystallization is one of the crystallization technique used in pharmaceuticals for upgrading their physical properties. Their physical and pharmacokinetic properties such as solubility, chemical stability, bioavailability, dissolution rate and mechanical behavior can be different as compared to those of the pure APIs. In this study, the two APIs were used to form equimolecular (1:1) co-crystals. Formation of co-crystal were studied in the methods for generating supersaturation. The effect of supersaturation on co-crystal formation was explored.