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(57) Abstract :

TITLE: A COCRYSTAL COMPOSITION OF CANDESARTAN WITH ENHANCED ORAL BIOAVAILABILITY ABSTRACT:
A cocrystal composition of candesartan with enhanced oral bioavailability which is disclosed herein, prepares the said cocrystal formulation of the drug Candesartan with varying concentrations of coformers namely fumaric acid, tartaric acid and benzoic acid either in a combination or individually. These coformers act as natural solubility enhancers. The said cocrystal composition of Candesartan is further synthesized and characterized for investigating the improvement in its aqueous solubility and rate of dissolution by solvent evaporation technique. The said cocrystal composition wherein Candesartan and coformers namely fumaric acid, tartaric acid and benzoic acid viz. are mixed in the predefined proportion, shows considerable enhancement in the aqueous solubility and improved drug release varying from 97.5% to 99.5%, It is a less time consuming, cost effective and affordable way. Figure 3

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