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(57) Abstract :
The present invention relates to the preparation of oral disintegrating tablets of Metoprolol tartrate, using various pharmaceutical compositions to enhance patient compliance. Metoprolol tartrate was formulated into orally disintegrating using the direct compression method and suitable excipients such as Carbopol 934P, HPMC, carboxy methyl cellulose, Mannitol and ethyl cellulose. The prepared tablets are evaluated for weight variation, thickness, hardness, friability, disintegration time, a simulated wetting test, and in-vitro dissolution. The drug content of all the formulations were in the range of 90.19±0.71%to 99.51±0.07%. Optimized formulation was selected by using the higher mucoadhesive time, mucoadhesive force and higher ex-vivo permeation. Out of all the prepared formulations formulation (F6) was considered as optimize formulations.

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