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Der Pharmacia Lettre

Abstract

[Formulation development and evaluation of mouth dissolving](#)

[tablets of terbutaline sulphate for bronchospasm](#)

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The aim and objective of the present investigation were to prepare the mouth dissolving tablet of Terbutaline Sulphate for bronchial asthma; Terbutaline Sulfate long-term treatment is needed for patients unable to swallow the tablets. To overcome this problem Mouth dissolving tablet formulation is needed. Hence, the present research work was undertaken to develop mouth dissolving tablet of terbutaline sulphate with benefits to the patients. Superdisintegrants such as croscopovidone and Sodium Starch Glycolate were used. A combination of two different diluents in various concentrations was used along with superdisintegrants. The tablets were prepared by direct compression method. The tablets were evaluated for hardness, friability, weight variation, wetting time, disintegration time and the selected formulation was compared with in vitro dissolution test. It was concluded that a mixture of diluents improves disintegrate rapidly and provide rapid onset of action as compare with conventional formulation

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