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Der Pharmacia Lettre

Abstract

[Formulation and evaluation of zolmitriptan fast dissolving buccal](#)

[films](#)

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The present study deals with the formulation of fast dissolving buccal films of Zolmitriptan which is used for the treatment of Migraine. The concept of fast dissolving drug delivery emerged from the desire to provide patient with more conventional means of taking their medication. In the present research work polyvinyl alcohol and polyvinyl pyrrolidone were used as film forming agents. Solvent evaporation method was used for the preparation of films. The prepared films were evaluated for film thickness, folding endurance, dispersion test, drug content and dissolution. The In vitro dissolution studies were carried out using simulated salivary fluid (pH 6.8 phosphate buffer). Formulation FP7 released 99% of the drug from the film within 5 minutes which is an essential character for faster absorption and also exhibited all desirable characteristics of the film..

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