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Research Article

**ENHANCEMENT OF SOLUBILITY AND FORMULATION OF
FAST DISSOLVING SUBLINGUAL WAFERS OF
FLURBIPROFEN FOR EFFECTIVE TREATMENT OF DENTAL
PAIN**

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Abstract:

The enhancement of dissolution rate and oral bioavailability of poorly soluble drugs remains one of the most challenging aspects of the drug development. Among the different methods of dissolution enhancement, Solid dispersion technology was found to be more successful with number of drugs. Solid dispersion of Flurbiprofen with PVP K-90 by physical mixture method were prepared. Further fast dissolving oral film of Flurbiprofen were conveniently formulated by solvent casting method. The In vitro dissolution studies showed that Flurbiprofen fast dissolving films formulation F3 showed maximum 98.78±0.25% over a period of 15min. Overall the results of the