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Unidirectional Buccal drug delivery of Diclofenac Sodium

By SOWJANYA BATTU

LAP Lambert Academic Publishing Nov 2013, 2013. Taschenbuch. Book Condition: Neu. 220x150x8 mm. Neuware - Buccal route of drug delivery is one among novel drug delivery systems where there is high blood perfusion rate that will enable good bioavailability without wasting drug due to first pass metabolism as in case with oral route and making whole dose of drug available for absorption into systemic circulation, hence improving the bioavailability. The current research uses the advantage of BDDS and aims at delivering an anti-diabetic drug (Metformin HCl) in controlled manner using different biodegradable polymer combinations and achieved expected results of high bioavailability, controlled and prolonged drug release, thereby improved patient compliance and reduce the dosing frequency and dose and hence reduce adverse effects. The current work provides interesting & modified method of bioadhesive strength testing. Hoping at further detailed in-vivo and clinical studies over the best formulation achieved in the research may give a very efficient formulation for the current generation to treat type-II diabetes as once in a day dose. 128 pp. Englisch.


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