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Recent advances in transdermal drug delivery

RK Subedi, SY Oh, MK Chun, HK Choi - Archives of pharmacol research, 2010 - Springer

Abstract Transdermal delivery of pharmacologically active agents has been extensively studied for the past 40 years. Despite the strong efforts, currently, only about 40 products are in market on about 20 drug molecules, due to the requirements that the patch area should

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Influence of formulation variables in transdermal drug delivery system containing zolmitriptan

RK Subedi, JP Ryoo, C Moon, HK Choi - International journal of ..., 2011 - Elsevier

Abstract The effects of different formulation variables including pressure sensitive adhesive (PSA), thickness of the matrix, solvent system, inclusion of crystallization inhibitor, loading amount of drug and enhancers on the transdermal absorption of zolmitriptan were

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Formulation and in vitro evaluation of transdermal drug delivery system for donepezil

RK Subedi, JP Ryoo, C Moon, MK Chun... - Journal of Pharmaceutical ..., 2012 - Springer

Abstract The effects of different formulation variables on the transdermal absorption of donepezil were investigated. The permeation of donepezil from various pressure sensitive adhesive matrices was evaluated using flow-through diffusion cell system at 37° C. The

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Current pharmaceutical design on adhesive based transdermal drug delivery systems

[PDF] researchgate.net

A Ghosh, S Banerjee, S Kaity... - Current pharmaceutical ..., 2015 - ingentaconnect.com

Drug-in-adhesive transdermal drug delivery matrix exploits intimate contact of the carrier with stratum corneum, the principal skin barrier to drug transport, to deliver the actives across the skin and into the systemic circulation. The main application challenges of drug-in-

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Patches containing tulobuterol

S Shirai, M Yamaji, O Yoshimoto, M Naruse... - US Patent ..., 2011 - Google Patents

A patch containing tulobuterol in the low concentration and having the stable release-controllability, prepared by laminating an adhesive layer consisting of a rubber, an adhesive resin and a plasticizer on a backing, wherein 1 to 4 w/w% of tulobuterol in the lower

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