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1: Eur J Pharm Sci. 2007	Mar;30(3-4):295-302.	Epub 2006 Dec 10.			ELSE FULL-TEX	VIER Links
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School of Pharmacy, University of Nottingham, University Park, Nottingham NG7 2RD, UK.				Nasal administration of an angiotensin antagonist in the rat model: Effect of bioadhesive formulations ([rt J Pharm 2007]		
There is an increasing need to identify novel approaches by which to improve the efficiency of drug transport from the nasal cavity (olfactory region) to the CNS, especially for treatment of central nervous system disorders. It is suggested, that one approach is the combination of active targeting of a bioadhesive formulation, that will retain the drug			ove the CNS, especially	Clearance characteristics of chitosan based formulations in the sheep nasal cavity. [Irt J Fharm 2001]		
			e approach is retain the drug	Nasal route and drug delivery systems. Pharm World Sci 2004		
at the absorption site, poten methylated pectins, LM-5 and	tially in combination v d LM-12 were selected	vith, an absorption enhar d for evaluation as drug	cer. Two low delivery	Nasal delivery of insulin using bioadhesive chitosan gels.		
systems, due to their ability to gel in the nasal cavity and their bioadhesive characteristics, together with chitosan G210, which acts both as a bioadhesive material			e ive material	[Drug Delv. 2006] See all Related Articles		
and as an efficient absorption formulations were able to rea	n enhancer. It was fou ach the olfactory regio	und that all of the bioadh on in the nasal cavity of	esive human			
volunteers when delivered us formulations displayed a sign	sing a simple nasal d hificantly increased re	rop device. Furthermore, sidence time on the epit	the helial surface.			
This was in contrast to a nor contrast, a pectin formulation	n-bioadhesive control administered with a	delivered with the same nasal spray system did r	device. In ot show an			
increase in residence time in reproducibility of olfactory d intra-subject than inter-subject	the olfactory region. elivery of a polymer t ect.	It was further shown tha formulation was significa	t the ntly better			
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