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产品名称: 依巴斯汀
产品别名: **Ebastine**

生物活性:				
Description	Ebastine(LAS-W 090;RP64305) is a long-acting and selective H1-histamine receptor antagonist. Target: Histamine H1 Receptor Ebastine is a H1 antihistamine with low potential for causing drowsiness. Ebastine (10 mg orally) causes brain histamine H1-receptor occupation of approximately 10%, consistent with its lower incidence of sedative effect, whereas (+)-chlorpheniramine occupied about 50% of brain H1-receptors even at a low but sedative dose of 2 mg; occupancy of (+)-chlorpheniramine was correlated with plasma (+)-chlorpheniramine concentration [1]. ebastine 10 or 20 mg once daily was rapidly effective in relieving symptoms of PAR in adult and adolescent patients; additional benefits of the 20-mg dose became apparent in the longer term [2]. ebastine is an effective and generally well-tolerated treatment for allergic rhinitis and chronic idiopathic urticaria. In addition to the regular tablet formulation, ebastine is available as a FDT, providing a treatment option that is particularly convenient for patients [3].			
Solvent&Solubility	In Vitro: Ethanol : 58.75 mg/mL (125.09 mM; Need ultrasonic)			
	Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg
		1 mM	2.1292 mL	10.6460 mL
		5 mM	0.4258 mL	2.1292 mL
		10 mM	0.2129 mL	1.0646 mL
	*请根据产品在不同溶剂中的溶解度选择合适的溶剂配制储备液; 一旦配成溶液, 请分装保存, 避免反复冻融造成的产品失效。 储备液的保存方式和期限 -80°C, 6 months; -20°C, 1 month。 -80°C 储存时, 请在 6 个月内使用, -20°C 储存时, 请在 1 个月内使用。			
References	[1]. Tagawa, M., et al., Neuroimaging of histamine H1-receptor occupancy in human brain by positron emission tomography (PET): a comparative study of ebastine, a second-generation antihistamine, and (+)-chlorpheniramine, a classical antihistamine. Br J Clin Pharmacol, 2001. 52(5): p. 501-9. [2]. Bousquet, J., et al., A 12-week, placebo-controlled study of the efficacy and safety of ebastine, 10 and 20 mg once daily, in the treatment of perennial allergic rhinitis. Multicentre Study Group. Allergy, 1999. 54(6): p. 562-8. [3]. Sastre, J., Ebastine in allergic rhinitis and chronic idiopathic urticaria. Allergy, 2008. 63 Suppl 89: p. 1-20.			