



上海源叶生物科技有限公司
 Shanghai yuanye Bio-Technology Co., Ltd
 电话: 021-61312973 传真: 021-55068248
 网址: www.shyuanye.com
 邮箱: shyysw@sina.com

产品名称: 依巴斯汀
 产品别名: Ebastine

生物活性:																								
Description	<p>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].</p>																							
Solvent&Solubility	<p>In Vitro: Ethanol : 58.75 mg/mL (125.09 mM; Need ultrasonic)</p>																							
	Preparing Stock Solutions	<table border="1"> <thead> <tr> <th style="text-align: center;">Solvent Concentration</th> <th style="text-align: center;">Mass</th> <th style="text-align: center;">1 mg</th> <th style="text-align: center;">5 mg</th> <th style="text-align: center;">10 mg</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1 mM</td> <td></td> <td style="text-align: center;">2.1292 mL</td> <td style="text-align: center;">10.6460 mL</td> <td style="text-align: center;">21.2920 mL</td> </tr> <tr> <td style="text-align: center;">5 mM</td> <td></td> <td style="text-align: center;">0.4258 mL</td> <td style="text-align: center;">2.1292 mL</td> <td style="text-align: center;">4.2584 mL</td> </tr> <tr> <td style="text-align: center;">10 mM</td> <td></td> <td style="text-align: center;">0.2129 mL</td> <td style="text-align: center;">1.0646 mL</td> <td style="text-align: center;">2.1292 mL</td> </tr> </tbody> </table>	Solvent Concentration	Mass	1 mg	5 mg	10 mg	1 mM		2.1292 mL	10.6460 mL	21.2920 mL	5 mM		0.4258 mL	2.1292 mL	4.2584 mL	10 mM		0.2129 mL	1.0646 mL	2.1292 mL		
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<p>*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。</p>																								
References	<p>[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.</p>																							