

产品名称：马来酸曲美布汀  
产品别名：Trimebutine maleate

生物活性:					
Description	Trimebutine maleate is a drug with antimuscarinic and weak mu opioid agonist effects. Target: Opioid Receptor Trimebutine is an agonist of peripheral mu, kappa and delta opiate receptors, used as spasmolytic agent for treatment of both acute and chronic abdominal pain [1]. The major product from drug metabolism of trimebutine in human beings is nor-trimebutine, which comes from removal of one of the methyl groups attached to nitrogen. Trimebutine exerts its effects in part due to causing a premature activation of phase III of the migrating motor complex in the digestive tract [2, 3].				
	<p><b><i>In Vitro:</i></b></p> <p><b>DMSO : ≥ 38 mg/mL (75.47 mM)</b></p> <p>* "≥" means soluble, but saturation unknown.</p>				
Solvent&Solubility	Preparing Stock Solutions	<div>Solvent / Mass / Concentration</div>	1 mg	5 mg	10 mg
		1 mM	1.9859 mL	9.9297 mL	19.8594 mL
		5 mM	0.3972 mL	1.9859 mL	3.9719 mL
		10 mM	0.1986 mL	0.9930 mL	1.9859 mL
	<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。</p> <p>储备液的保存方式和期限: -80℃, 6 months; -20℃, 1 month。-80℃ 储存时，请在 6 个月内使用，-20℃ 储存时，请在 1 个月内使用。</p>				
References	<p>[1]. <u>Kaneto, H., M. Takahashi, and J. Watanabe, The opioid receptor selectivity for trimebutine in isolated tissues experiments and receptor binding studies. J Pharmacobiodyn, 1990. 13(7): p. 448-53.</u></p> <p>[2]. <u>Roman, F.J., et al., Pharmacological properties of trimebutine and N-monodesmethyltrimebutine. J Pharmacol Exp Ther, 1999. 289(3): p. 1391-7.</u></p> <p>[3]. <u>Hiyama, T., et al., Effectiveness of prokinetic agents against diseases external to the gastrointestinal tract. J Gastroenterol Hepatol, 2009. 24(4): p. 537-46.</u></p>				