



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: **LYS-ILE-PRO-TYR-ILE-LEU**

产品别名: 神经介素 N; **Neuromedin N** ; **Neuromedin N (rat, mouse, porcine, canine)**

生物活性:				
Description	Neuromedin N is a potent modulator of dopamine D2 receptor agonist binding in rat neostriatal membranes.			
IC ₅₀ & Target	Dopamine D2 receptor[1].			
In Vitro	Neuromedin N competitively inhibits the binding of neurotensin to rat brain synaptic membranes with a 19-fold lower potency than neurotensin and is rapidly inactivated by brain synaptic peptidases[1]. It competitively inhibits neurotensin binding to rat brain synaptic membranes and has increased potency in the presence of the peptidase inhibitor bestatin[2].			
Solvent&Solubility	In Vitro: H ₂ O : 50 mg/mL (67.03 mM; Need ultrasonic)			
		Solvent / Mass / Concentration	1 mg	5 mg
	Preparing	1 mM	1.3406 mL	6.7029 mL
	Stock Solutions	5 mM	0.2681 mL	1.3406 mL
		10 mM	0.1341 mL	0.6703 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℃, 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。				
References	[1]. Li XM, et al. Neuromedin N is a potent modulator of dopamine D2 receptor agonist binding in rat neostriatal membranes. Neurosci Lett. 1993 Jun 11;155(2):121-4. [2]. Checler F, et al. Neuromedin N: high affinity interaction with brain neurotensin receptors and rapid inactivation by brain synaptic peptidases. Eur J Pharmacol. 1986 Jul 31;126(3):239-44.			