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产品名称: 依来多辛

产品别名: **Eledoisin; Eledone peptide; 章鱼唾液腺精**

生物活性:				
Description	Eledoisin (Eledone peptide) is a specific agonist of NK2 and NK3 receptors.			
IC₅₀ & Target	NK2 and NK3 receptors[1].			
In Vitro	Eledoisin (Eledone peptide) increases the value recorded under basal conditions by 24.5±3.7%; this stimulation is significantly (P<0.01) lowered to 13.1±1.9% by the simultaneous presence of CP99994. The same protocol is also used to characterize the sensitivity of Eledoisin stimulation to 0.1 μM SR48968 or 0.1 μM SB222200. SR48968 significantly (P < 0.01) lower the stimulation by Eledoisin, while SB222200 has no effect. Eledoisin stimulation is reduced by CP99994 and SR48968, NK1 and NK2 antagonists, respectively[1].			
In Vivo	Eledoisin (Eledone peptide; 0.1-1 nmol/kg) injected into rats produces a biphasic cardiovascular response that consists of an initial fall of systemic blood pressure (8-15 mm Hg) followed by a rise (20-22 mm Hg). Intracerebroventricular injection of Eledoisin produces an enhancement of grooming and scratching behavior in mice[2].			
Solvent&Solubility	In Vitro: H₂O : 18.15 mg/mL (15.27 mM; Need ultrasonic and warming)			
	Preparing Stock Solutions	Solvent Mass Concentration	1 mg	5 mg
		1 mM	0.8415 mL	4.2073 mL
		5 mM	0.1683 mL	0.8415 mL
		10 mM	0.0841 mL	0.4207 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]. Lippe C, et al. Eledoisin and Kassinin, but not Enterokassinin, stimulate ion transport in frog skin. Peptides. 2004 Nov;25(11):1971-5. [2]. Severini C, et al. The tachykinin peptide family. Pharmacol Rev. 2002 Jun;54(2):285-322.			