

产品名称：神经激肽 A

产品别名：Neurokinin A;  $\alpha$ -Neurokinin; Neuromedin L; Substance K

生物活性:					
Description	Neurokinin A acts via neurokinin 2 (NK-2) receptor.				
IC <sub>50</sub> & Target	NK-2 receptor[1]				
In Vitro	Neurokinin A (substance K) is a peptide neurotransmitter of the tachykinin family with potential as a major mediator in human airway and gastrointestinal tissues. Neurokinin A acts via the NK-2 receptor believed to be localized on smooth muscle cells and pharmacologically coupled to a GTP-binding protein. Neurokinin A is a member of a family of peptide neurotransmitters known as tachykinins. These peptides are associated with the central and peripheral nervous systems and display a wide tissue distribution. Tachykinins share the COOH-terminal structure Phe-X-Gly-Leu-Met-NH. The best known members of this family are Substance P and Neurokinin A or Substance K[1].				
Solvent&Solubility	<b><i>In Vitro:</i></b> <b>H<sub>2</sub>O : <math>\geq</math> 60 mg/mL (52.94 mM)</b>  * " $\geq$ " means soluble, but saturation unknown.				
	<b>Preparing Stock Solutions</b>	<b>Solvent</b>	<b>Mass</b>	<b>1 mg</b>	<b>5 mg</b>
		<b>Concentration</b>			<b>10 mg</b>
		1 mM	0.8824 mL	4.4118 mL	8.8236 mL
		5 mM	0.1765 mL	0.8824 mL	1.7647 mL
		10 mM	0.0882 mL	0.4412 mL	0.8824 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]. Gerard NP, et al. The human neurokinin A (substance K) receptor. Molecular cloning of the gene, chromosome localization, and isolation of cDNA from tracheal and gastric tissues. J Biol Chem. 1990 Nov 25;265(33):20455-62.				