

产品名称：**4-10-神经激肽 A**
产品别名：**Neurokinin A(4-10)**

生物活性:	
Description	Neurokinin A (4-10) is a tachykinin NK ₂ receptor agonist.
IC₅₀ & Target	NK2 receptor[1]
In Vitro	Neurokinin A (NKA) and its truncated form NKA(4-10) are potent spasmogens of human colon circular muscle, an action mediated exclusively via tachykinin NK ₂ receptors. A structure-activity study of the neurokinin A (NKA) fragment NKA(4-10) is performed to investigate the importance of amino acid residues for receptor efficacy, potency and affinity at the NK ₂ receptor in human colon circular muscle. A high density of NK ₂ receptors has been demonstrated in this tissue, using in vitro autoradiography and radioligand binding[1]
References	[1]. Warner FJ, et al. Structure-activity relationship of neurokinin A(4-10) at the human tachykinin NK(2) receptor: the effect of amino acid substitutions on receptor affinity and function. <u>Biochem Pharmacol.</u> 2002 Jun 15;63(12):2181-6.

源叶生物