

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

| 生物活性: | |
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| 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. <i>Biochem Pharmacol.</i> 2002 Jun 15;63(12):2181-6. |



源叶生物