

Neurokinin A

Catalog No: tcsc7606



Available Sizes

Size: 1mg

Size: 5mg

Size: 10mg

Size: 25mg



Specifications

CAS No:

86933-74-6

Formula:

$C_{50}H_{80}N_{14}O_{14}S$

Pathway:

Neuronal Signaling;GPCR/G Protein

Target:

Neurokinin Receptor;Neurokinin Receptor

Purity / Grade:

>98%

Solubility:

H2O : \geq 60 mg/mL (52.94 mM)

Alternative Names:

α -Neurokinin;Neuromedin L;Substance K

Observed Molecular Weight:

1133.32

Product Description

Neurokinin A acts via neurokinin 2 (**NK-2**) receptor.

IC50 & 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].



HKTDSFVGLM

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