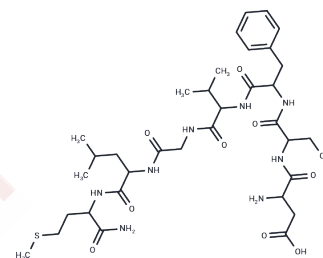


## Neurokinin A(4-10)

## Chemical Properties

CAS No. :	97559-35-8
Formula:	C34H54N8O10S
Molecular Weight:	766.91
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Neurokinin A(4-10)(TFA) is an agonist of tachykinin NK2 receptor .
Targets(IC50)	Neurokinin receptor

## Solubility Information

Solubility	DMSO: 10 mM, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3039 mL	6.5197 mL	13.0393 mL
5 mM	0.2608 mL	1.3039 mL	2.6079 mL
10 mM	0.1304 mL	0.652 mL	1.3039 mL
50 mM	0.0261 mL	0.1304 mL	0.2608 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Warner FJ, Miller RC, Burcher E, 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. *Biochem Pharmacol.* 2002 Jun 15 ;63(12):2181-6.

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