

Neurokinin B acetate(86933-75-7 free base)

Chemical Properties

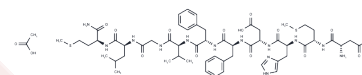
CAS No. :

Formula: C57H83N13O16S2

Molecular Weight: 1270.48

Storage: Store at low temperature,Keep away from moisture
Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Neurokinin B acetate(86933-75-7 free base) is the acetate form of Neurokinin B, which belongs to the tachykinin family. Neurokinin binds to neurokinin receptor 1 (NK1R), nk2r and NK3R, and mediates its biological effects.
Targets(IC50)	Neurokinin receptor

Solubility Information

Solubility	DMSO: 2.38 mg/mL (1.87 mM),Sonication is recommended. H2O: < 1 mg/mL (insoluble or slightly soluble) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7871 mL	3.9355 mL	7.871 mL
5 mM	0.1574 mL	0.7871 mL	1.5742 mL
10 mM	0.0787 mL	0.3936 mL	0.7871 mL
50 mM	0.0157 mL	0.0787 mL	0.1574 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

Navarro V M . Interactions Between Kisspeptins and Neurokinin B[J]. Advances in Experimental Medicine and Biology, 2013, 784:325-347.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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