

[Sar9] Substance P acetate(77128-75-7 free base)

Chemical Properties

CAS No. :

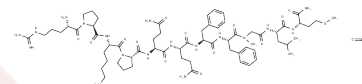
Formula: C66H104N18O15S

Molecular Weight: 1421.71

Keep away from moisture

Storage: 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	[Sar9]-Substance P acetate is one of NK-1 receptor agonist. The action of SP on progesterone metabolism was mimicked by the rNK1-specific agonist [Sar-9, Met(O2)11]-SP.
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	0.7034 mL	3.5169 mL	7.0338 mL
5 mM	0.1407 mL	0.7034 mL	1.4068 mL
10 mM	0.0703 mL	0.3517 mL	0.7034 mL
50 mM	0.0141 mL	0.0703 mL	0.1407 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

Lieberman DN, et al. Substance P enhances NMDA channel function in hippocampal dentate gyrus granule cells. J Neurophysiol. 1998 Jul;80(1):113-9.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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