

[Lys8, Lys9]-Neurotensin (8-13) acetate

Chemical Properties

CAS No. :

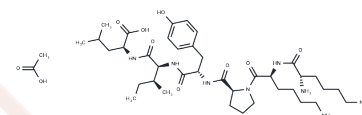
Formula: C40H68N8O10

Molecular Weight: 821.02

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	[Lys8, Lys9]-Neurotensin (8-13) acetate, a Neurotensin analog, exerts its analgesic effects through activation of the G protein-coupled receptors NTS1 and NTS2, with Ki values of 0.33 nM and 0.95 nM for hNTS1 and hNTS2 receptors, respectively[1].
Targets(IC50)	Neurotensin Receptor

Solubility Information

Solubility	DMSO: 8.22 mg/mL (10.01 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	1.218 mL	6.090 mL	12.180 mL
5 mM	0.2436 mL	1.218 mL	2.436 mL
10 mM	0.1218 mL	0.609 mL	1.218 mL
50 mM	0.0244 mL	0.1218 mL	0.2436 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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