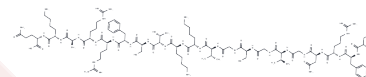


Neuropeptide S(Rat)

Chemical Properties

CAS No. :	412938-75-1
Formula:	C95H160N34O27
Molecular Weight:	2210.52
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	Potent endogenous neuropeptide S receptor (NSPR) agonist (EC50 = 3.2 nM). Increases locomotor activity and wakefulness in mice. Also reduces anxiety-like behavior in mice.
Targets(IC50)	Neuropeptide Y Receptor

Solubility Information

Solubility	H2O: 1 mg/mL (0.45 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	0.4524 mL	2.2619 mL	4.5238 mL
5 mM	0.0905 mL	0.4524 mL	0.9048 mL
10 mM	0.0452 mL	0.2262 mL	0.4524 mL
50 mM	0.009 mL	0.0452 mL	0.0905 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

Xu et al (2004) Neuropeptide S: a neuropeptide promoting arousal and anxiolytic-like effects. Neuron 43 487
PMID:

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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