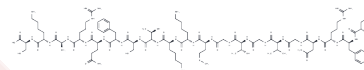


Neuropeptide S (human)

Chemical Properties

CAS No. :	412938-67-1
Formula:	C93H155N31O28S
Molecular Weight:	2187.5
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 agonist (EC50 = 9.4 nM). Increases locomotor activity and wakefulness in mice. Also reduces anxiety-like behavior in mice.
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Solubility Information

Solubility	H2O: 1 mg/mL (0.46 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	0.4571 mL	2.2857 mL	4.5714 mL
5 mM	0.0914 mL	0.4571 mL	0.9143 mL
10 mM	0.0457 mL	0.2286 mL	0.4571 mL
50 mM	0.0091 mL	0.0457 mL	0.0914 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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