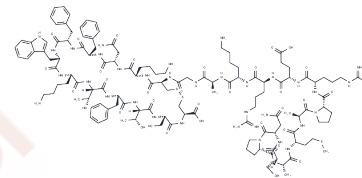


Somatostatin-25

Chemical Properties

CAS No. :	76461-17-1
Formula:	C127H191N37O34S3
Molecular Weight:	2876.3
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	Somatostatin is an endogenous neuropeptide hormone found in the brain and pancreas. Somatostatin binds several isoforms of the somatostatin receptor, exhibiting anxiolytic, antiepileptic/anticonvulsant, and anorexigenic activities.
Targets(IC50)	GHSR

Solubility Information

Solubility	H2O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3477 mL	1.7383 mL	3.4767 mL
5 mM	0.0695 mL	0.3477 mL	0.6953 mL
10 mM	0.0348 mL	0.1738 mL	0.3477 mL
50 mM	0.007 mL	0.0348 mL	0.0695 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

Brazeau P, et al. High biological activity of the synthetic replicates of somatostatin-28 and somatostatin-25. Regul Pept. 1981 Jan;1(4):255-64.

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