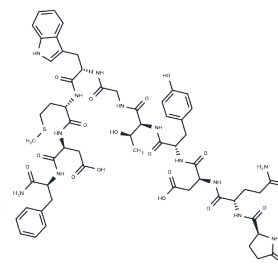


Caerulein, desulfated

Chemical Properties

CAS No. :	20994-83-6
Formula:	C58H73N13O18S
Molecular Weight:	1272.34
Storage:	Keep away from moisture, Store at low temperature 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	Caerulein, desulfated (FI-6934, desulfated) is a desulfated form of Caerulein, a neuropeptide with lower smooth muscle activity, stimulates lipase secretion, and inhibits gastric acid secretion.
Targets(IC50)	Cholecystokinin Receptor

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	0.786 mL	3.9298 mL	7.8595 mL
5 mM	0.1572 mL	0.786 mL	1.5719 mL
10 mM	0.0786 mL	0.393 mL	0.786 mL
50 mM	0.0157 mL	0.0786 mL	0.1572 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

- Johnson LR, et al. Effect of sulfation on the gastrointestinal actions of caerulein. *Gastroenterology*. 1970 Feb;58(2): 208-16.
- Johnson LR, et al. Effect of sulfation on the gastrointestinal actions of caerulein. *Gastroenterology*. 1970 Feb;58(2): 208-16.

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