

Caerulein, desulfated ammonium

Chemical Properties

CAS No. :

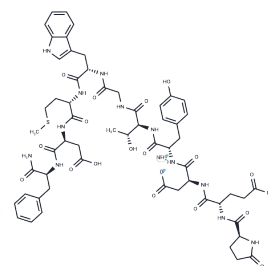
Formula: C58H76N14O18S

Molecular Weight: 1289.37

Storage: Keep away from direct sunlight

Store at -20°C

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Caerulein, desulfated ammonium is desulfated Caerulein formed by hydrolysis of Caerulein, a neuropeptide with low smooth muscle activity that stimulates lipase secretion and inhibits gastric acid secretion.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7756 mL	3.8779 mL	7.7557 mL
5 mM	0.1551 mL	0.7756 mL	1.5511 mL
10 mM	0.0776 mL	0.3878 mL	0.7756 mL
50 mM	0.0155 mL	0.0776 mL	0.1551 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.

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