

Caerulein, desulfated TFA (20994-83-6 free base)

Chemical Properties

CAS No. :

Formula: C60H74F3N13O20S

Molecular Weight: 1386.36

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description

Caerulein, desulfated TFA is Caerulein after desulfurization. Caerulein is a decapeptide with the same five carboxy-terminating amino acids as gastrin and cholecystatin (CCK)..

Solubility Information

Solubility

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

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7213 mL	3.6066 mL	7.2131 mL
5 mM	0.1443 mL	0.7213 mL	1.4426 mL
10 mM	0.0721 mL	0.3607 mL	0.7213 mL
50 mM	0.0144 mL	0.0721 mL	0.1443 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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