

Somatostatin acetate

Chemical Properties

CAS No. :

Formula:

Molecular Weight: 1637.89

Storage:

Store at low temperature,Keep away from direct sunlight,Keep away from moisture

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	Somatostatin acetate is an endogenously secreted inhibitor of cell proliferation with potential antitumor activity for the study of cancer and neurological disorders.
Targets(IC50)	Somatostatin

Solubility Information

Solubility	H2O: 16.38 mg/mL (10.00 mM) DMSO: 8.19 mg/mL (5.00 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6105 mL	3.0527 mL	6.1054 mL
5 mM	0.1221 mL	0.6105 mL	1.2211 mL
10 mM	0.0611 mL	0.3053 mL	0.6105 mL
50 mM	0.0122 mL	0.0611 mL	0.1221 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

Anthony LB, et al. Opportunities to Improve Symptom Control with Somatostatin Congeners in GEP-NETs: A Review of Key Issues. *Oncologist*. 2021 Jul;26(7):e1171-e1178.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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