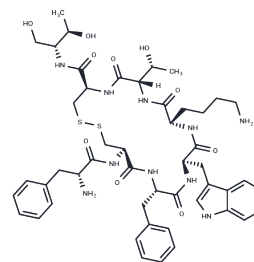


Octreotide

Chemical Properties

CAS No. :	83150-76-9
Formula:	C ₄₉ H ₆₆ N ₁₀ O ₁₀ S ₂
Molecular Weight:	1019.24
Appearance:	no data available
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



Biological Description

Description	Octreotide (SMS 201-995) is a potent inhibitor of growth hormone, glucagon, and insulin.
Targets(IC50)	Somatostatin

Solubility Information

Solubility	DMSO: 10 mM,Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9811 mL	4.9056 mL	9.8112 mL
5 mM	0.1962 mL	0.9811 mL	1.9622 mL
10 mM	0.0981 mL	0.4906 mL	0.9811 mL
50 mM	0.0196 mL	0.0981 mL	0.1962 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.

Reference

Bronstein MD. Front Horm Res. 2006;35:129-34.

Zhao M, Cui M, Fan M, et al.Octreotide attenuates experimental severe acute pancreatitis through inhibiting pyroptosis and modulating intestinal homeostasis.European Journal of Pharmacology.2025: 177314.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481