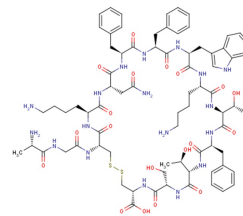


Cyclic somatostatin

Chemical Properties

CAS No.:	38916-34-6
Formula:	C ₇₆ H ₁₀₄ N ₁₈ O ₁₉ S ₂
Molecular Weight:	1637.88
Appearance:	powder
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Cyclic somatostatin is a cyclic tetradecapeptide regulating many endocrine and nervous system functions.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	H ₂ O: 71.3 mg/mL (43.53 mM) DMF: 100 mg/mL (61.05 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.611 mL	3.053 mL	6.105 mL
5 mM	0.122 mL	0.611 mL	1.221 mL
10 mM	0.061 mL	0.305 mL	0.611 mL
50 mM	0.012 mL	0.061 mL	0.122 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Inhibitors · Natural Compounds · Compound Libraries

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