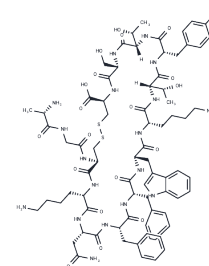


[Tyr11]-Somatostatin

Chemical Properties

CAS No. :	59481-27-5
Formula:	C76H104N18O20S2
Molecular Weight:	1653.89
Appearance:	no data available
Storage:	keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	[Tyr11]-Somatostatin is a neuroactive peptide utilized in proteomics research. It belongs to a class of neuroactive substances that play a role in modulating retinal physiology.
In vitro	Iodination of [Tyr11]-Somatostatin produces a ligand with significantly enhanced affinity for somatostatin receptors in GH4C1 pituitary cells[2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6046 mL	3.0232 mL	6.0464 mL
5 mM	0.1209 mL	0.6046 mL	1.2093 mL
10 mM	0.0605 mL	0.3023 mL	0.6046 mL
50 mM	0.0121 mL	0.0605 mL	0.1209 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

Vasilaki A, et al. Somatostatin mediates nitric oxide production by activating sst(2) receptors in the rat retina. *Neuropharmacology*. 2002;43(5):899-909.

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