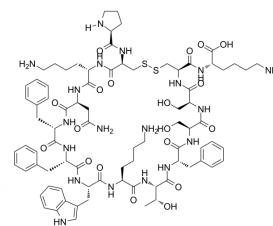


Cortistatin 14, human, rat

Chemical Properties

CAS No. :	193829-96-8
Formula:	C81H113N19O19S2
Molecular Weight:	1721.01
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Cortistatin 14 is a somatostatin-like neuropeptide with neuronal depressant and sleep modulating properties. Cortistatin 14 is present primarily in the cortex and hippocampus.
Targets(IC50)	Somatostatin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5811 mL	2.9053 mL	5.8105 mL
5 mM	0.1162 mL	0.5811 mL	1.1621 mL
10 mM	0.0581 mL	0.2905 mL	0.5811 mL
50 mM	0.0116 mL	0.0581 mL	0.1162 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

Jiang J, et al. Centrally Administered Cortistatin-14 Induces Antidepressant-Like Effects in Mice via Mediating Ghrelin and GABAA Receptor Signaling Pathway. *Front Pharmacol.* 2018 Jul 19;9:767.

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