

Cortistatin-14 TFA (186901-48-4 free base)

Chemical Properties

CAS No. :

Formula: C₈₃H₁₁₅F₃N₂₀O₂₀S₂

Molecular Weight: 1834.05

Keep away from moisture

Storage: 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	Cortistatin-14 is a neuropeptide have structural similarity to somatostatin-14. It is produced in the cortex and hippocampus of central nervous system.
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Solubility Information

Solubility	H ₂ O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5452 mL	2.7262 mL	5.4524 mL
5 mM	0.109 mL	0.5452 mL	1.0905 mL
10 mM	0.0545 mL	0.2726 mL	0.5452 mL
50 mM	0.0109 mL	0.0545 mL	0.109 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

De Lecea L, et al. A cortical neuropeptide with neuronal depressant and sleep-modulating properties. Nature. 1996 May 16;381(6579):242-5.

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