

Cortistatin 29

Chemical Properties

CAS No. :

Formula: C161H242N46O41S2

Molecular Weight: 3539.77

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 29, a neuropeptide, alleviates neuropathic pain and exhibits anti-fibrotic effects. It binds with high affinity to all somatostatin (SS) receptor subtypes, displaying IC 50 values of 2.8 nM for SSTR1, 7.1 nM for SSTR2, 0.2 nM for SSTR3, 3.0 nM for SSTR4, and 13.7 nM for SSTR5, respectively [1] [2] [3] [4].
Targets(IC50)	Somatostatin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2825 mL	1.4125 mL	2.825 mL
5 mM	0.0565 mL	0.2825 mL	0.565 mL
10 mM	0.0283 mL	0.1413 mL	0.2825 mL
50 mM	0.0057 mL	0.0283 mL	0.0565 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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