

Cyclosomatostatin TFA

Chemical Properties

CAS No. :

Formula: C46H58F3N7O8

Molecular Weight: 893.99

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	Cyclosomatostatin TFA, a potent somatostatin (SST) receptor antagonist, inhibits type 1 somatostatin receptor (SSTR1) signaling, reducing cell proliferation, the size of the ALDH+ cell population, and sphere-formation in colorectal cancer (CRC) cells [1].
Targets(IC50)	Somatostatin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1186 mL	5.5929 mL	11.1858 mL
5 mM	0.2237 mL	1.1186 mL	2.2372 mL
10 mM	0.1119 mL	0.5593 mL	1.1186 mL
50 mM	0.0224 mL	0.1119 mL	0.2237 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481