

CYN 154806 TFA

Chemical Properties

CAS No. : 2828432-46-6

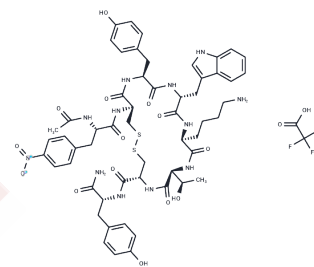
Formula: C58H69F3N12O16S2

Molecular Weight: 1311.36

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	CYN 154806 TFA is a cyclic octapeptide and an effective selective somatostatin sst2 receptor antagonist. For the recombinant sst2, sst1, sst3, sst4 and sst5 receptors, the pIC50 values are 8.58, 5.41, 6.07, 5.76 and 6.48, respectively.
Targets(IC50)	Somatostatin

Solubility Information

Solubility	H2O: 50 mg/mL (38.13 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7626 mL	3.8128 mL	7.6257 mL
5 mM	0.1525 mL	0.7626 mL	1.5251 mL
10 mM	0.0763 mL	0.3813 mL	0.7626 mL
50 mM	0.0153 mL	0.0763 mL	0.1525 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

Bass RT, et al. Identification and characterization of novel somatostatin antagonists. Mol Pharmacol. 1996 Oct;50(4):709-15.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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