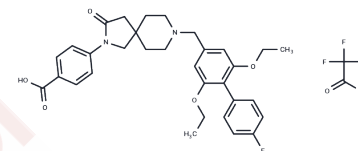


SSTR5 antagonist 2 TFA

Chemical Properties

CAS No. : 1254733-98-6
 Formula: C34H36F4N2O7
 Molecular Weight: 660.65
 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	SSTR5 antagonist 2 TFA is a highly potent, oral active and selective antagonist of somatostatin (receptor) subtype 5 (SSTR5), with potential to treat type 2 diabetes mellitus (T2DM).
Targets(IC50)	Others,Somatostatin
In vivo	In mice at a dose of 10 mg/kg,SSTR5 antagonist 2 (10 mg/kg, orally) increases both total and active circulating incretin hormone GLP1 levels . SSTR5 antagonist 2 increases pancreatic insulin secretion as well as total and active GLP1 release, and demonstrates synergistic effects in combination with DPP4 inhibitors.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5137 mL	7.5683 mL	15.1366 mL
5 mM	0.3027 mL	1.5137 mL	3.0273 mL
10 mM	0.1514 mL	0.7568 mL	1.5137 mL
50 mM	0.0303 mL	0.1514 mL	0.3027 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

Liu W, et al. Discovery and Pharmacology of a Novel Somatostatin Subtype 5 (SSTR5) Antagonist: Synergy with DPP-4 Inhibition. ACS Med Chem Lett. 2018 Sep 12;9(11):1082-1087.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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