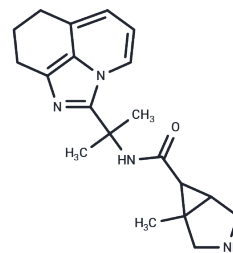


SSTR4 agonist 5

Chemical Properties

CAS No. :	2761347-44-6
Formula:	C ₂₀ H ₂₆ N ₄ O
Molecular Weight:	338.447
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	SSTR4 agonist5 (Compound 5) is an orally active agonist of the somatostatin receptor 4 (SSTR4) with an EC ₅₀ of 0.228 nM. It demonstrates good stability in human/rat liver microsomes and can inhibit mechanical hyperalgesia in rat models.
Targets(IC ₅₀)	Somatostatin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9546 mL	14.7732 mL	29.5465 mL
5 mM	0.5909 mL	2.9546 mL	5.9093 mL
10 mM	0.2955 mL	1.4773 mL	2.9546 mL
50 mM	0.0591 mL	0.2955 mL	0.5909 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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