

SSTR5 antagonist 3

Chemical Properties

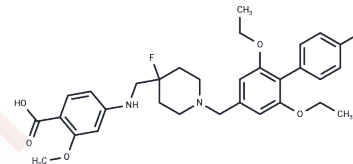
CAS No. : 2851454-42-5

Formula: C31H36F2N2O5

Molecular Weight: 554.62

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 3 (Compound 23) serves as a potent somatostatin receptor subtype 5 (SSTR5) antagonist, demonstrating oral activity and minimal hERG inhibition. It shows significant efficacy, with IC50 values of 2.8 nM in humans and 1.4 nM in mice. This compound is utilized in gallstone research [1].
Targets(IC50)	Somatostatin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.803 mL	9.0152 mL	18.0304 mL
5 mM	0.3606 mL	1.803 mL	3.6061 mL
10 mM	0.1803 mL	0.9015 mL	1.803 mL
50 mM	0.0361 mL	0.1803 mL	0.3606 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