

GOAT-IN-1

Chemical Properties

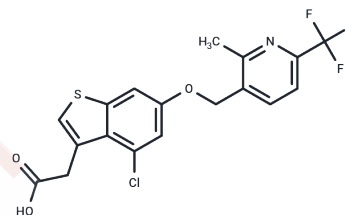
CAS No. : 1452473-54-9

Formula: C₁₈H₁₃ClF₃NO₃S

Molecular Weight: 415.81

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	GOAT-IN-1 is an inhibitor of ghrelin O-acyltransferase (GOAT) that may be useful for the prophylaxis or treatment of diabetes, hyperlipidemia, non-alcoholic fatty liver, Alzheimer's disease, Parkinson's disease, cerebrovascular dementia, and cerebral infarction.
Targets(IC50)	Others,Acyltransferase
In vitro	GOAT-IN-1 exhibits an inhibitory activity of 101% against human GOAT at a concentration of 10 μM.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4049 mL	12.0247 mL	24.0494 mL
5 mM	0.481 mL	2.4049 mL	4.8099 mL
10 mM	0.2405 mL	1.2025 mL	2.4049 mL
50 mM	0.0481 mL	0.2405 mL	0.481 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

WO 2013125732.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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