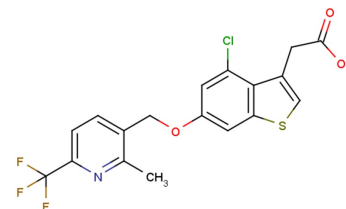


GOAT-IN-1

Chemical Properties

CAS No.:	1452473-54-9
Formula:	C ₁₈ H ₁₃ ClF ₃ NO ₃ S
Molecular Weight:	415.81
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	GOAT-IN-1 is an inhibitor of ghrelin O-acyltransferase (GOAT), which could be useful for the prophylaxis or treatment of diabetes, hyperlipidemia, non-alcoholic fatty liver, Alzheimer's disease, Parkinson's disease, cerebrovascular dementia, cerebral infarction, etc.
Targets(IC ₅₀)	Others: None
In vitro	The inhibitory activity of GOAT-IN-1 for human GOAT is 101% with the concentration of 10 μM.

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.405 mL	12.025 mL	24.049 mL
5 mM	0.481 mL	2.405 mL	4.81 mL
10 mM	0.24 mL	1.202 mL	2.405 mL
50 mM	0.048 mL	0.24 mL	0.481 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. WO 2013125732.

Inhibitors · Natural Compounds · Compound Libraries

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use.

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