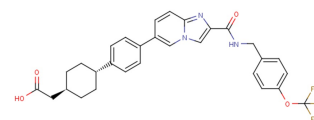


DGAT1-IN-1

Chemical Properties

CAS No.: 1449779-49-0
Formula: C₃₀H₂₈F₃N₃O₄
Molecular Weight: 551.56
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	DGAT1-IN-1 is a potent inhibitor of DGAT1 (IC ₅₀ : < 10 nM in cell lysate from Hep3B cells overexpressing human DGAT1).
Targets(IC ₅₀)	Others: None
In vitro	DGAT1 inhibitor Imidazopyridine and imidazothiazole compounds as inhibitors of diacylglycerol o-acyltransferase type 1 enzyme.

Solubility Information

Solubility	DMSO: 20 mg/mL (36.26 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.813 mL	9.065 mL	18.13 mL
5 mM	0.363 mL	1.813 mL	3.626 mL
10 mM	0.181 mL	0.907 mL	1.813 mL
50 mM	0.036 mL	0.181 mL	0.363 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. Compounds as inhibitors of diacylglycerol o-acyltransferase type 1 enzyme , Patent: WO 2013119040 A1

Inhibitors · Natural Compounds · Compound Libraries

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