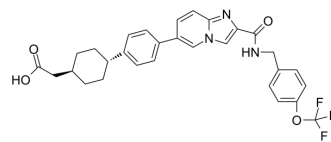


DGAT1-IN-1

Cat. No.:	HY-12425		
CAS No.:	1449779-49-0		
Molecular Formula:	C ₃₀ H ₂₈ F ₃ N ₃ O ₄		
Molecular Weight:	551.56		
Target:	Acyltransferase		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : 20 mg/mL (36.26 mM; Need ultrasonic)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	1.8130 mL	9.0652 mL	18.1304 mL	
5 mM	0.3626 mL	1.8130 mL	3.6261 mL	
10 mM	0.1813 mL	0.9065 mL	1.8130 mL	

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

DGAT1-IN-1 is a potent DGAT1 inhibitor with IC₅₀ of < 10 nM (cell lysate from Hep3B cells overexpressing human DGAT1). IC₅₀ value: < 10 nM Target: DGAT1 inhibitor/imidazopyridine and imidazothiazole compounds as inhibitors of diacylglycerol o-acyltransferase type 1 enzyme and their preparation By Kim, Doseop; Bok, Juhan; Shin, Sunmi From PCT Int. Appl. (2013), WO 2013119040 A1 20130815.

CUSTOMER VALIDATION

- Nat Commun. 2023 May 29;14(1):3100.

See more customer validations on www.MedChemExpress.com

REFERENCES

Caution: Product has not been fully validated for medical applications. For research use only.

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