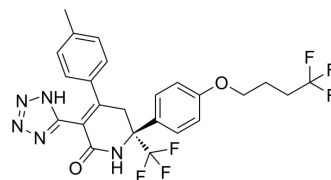


BMS-963272

Cat. No.:	HY-132924		
CAS No.:	1441057-15-3		
Molecular Formula:	C ₂₄ H ₂₁ F ₆ N ₅ O ₂		
Molecular Weight:	525.45		
Target:	Acyltransferase		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 250 mg/mL (475.78 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.9031 mL	9.5157 mL	19.0313 mL
	5 mM	0.3806 mL	1.9031 mL	3.8063 mL
	10 mM	0.1903 mL	0.9516 mL	1.9031 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.08 mg/mL (3.96 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.08 mg/mL (3.96 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

BMS-963272 is a potent, selective MGAT2 inhibitor (IC₅₀ = 7.1 nM) for the research of metabolic disorders.

REFERENCES

- [1]. Turdi H, et al. Screening Hit to Clinical Candidate: Discovery of BMS-963272, a Potent, Selective MGAT2 Inhibitor for the Treatment of Metabolic Disorders. *J Med Chem.* 2021 Oct 14;64(19):14773-14792.

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

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