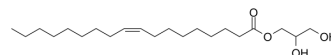


Monoolein

Cat. No.:	HY-128754		
CAS No.:	111-03-5		
Molecular Formula:	C ₂₁ H ₄₀ O ₄		
Molecular Weight:	356.54		
Target:	Endogenous Metabolite		
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

Ethanol : 100 mg/mL (280.47 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.8047 mL	14.0237 mL	28.0473 mL
	5 mM	0.5609 mL	2.8047 mL	5.6095 mL
	10 mM	0.2805 mL	1.4024 mL	2.8047 mL

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

In Vivo

- Add each solvent one by one: 10% EtOH >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (7.01 mM); Clear solution
- Add each solvent one by one: 10% EtOH >> 90% (20% SBE-β-CD in saline)
Solubility: 2.5 mg/mL (7.01 mM); Suspended solution; Need ultrasonic
- Add each solvent one by one: 10% EtOH >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (7.01 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Monoolein is an endogenous metabolite.

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

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