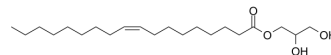


Monoolein

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)					
		Solvent Concentration	Mass	1 mg	5 mg	10 mg
	Preparing Stock Solutions	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	1. 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					
	2. 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					
	3. 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.
IC ₅₀ & Target	Human Endogenous Metabolite

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

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