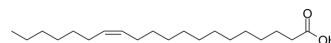


Paullinic acid

Cat. No.:	HY-113094	
CAS No.:	17735-94-3	
Molecular Formula:	C ₂₀ H ₃₈ O ₂	
Molecular Weight:	310.51	
Target:	Endogenous Metabolite	
Pathway:	Metabolic Enzyme/Protease	
Storage:	Pure form	-20°C 3 years
	In solvent	-80°C 6 months
		-20°C 1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (322.05 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass			
			1 mg	5 mg	10 mg	
			1 mM	3.2205 mL	16.1025 mL	32.2051 mL
			5 mM	0.6441 mL	3.2205 mL	6.4410 mL
10 mM	0.3221 mL	1.6103 mL	3.2205 mL			
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (8.05 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (8.05 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (8.05 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Paullinic acid is a long-chain fatty acid that has been detected in multiple biofluids, such as blood and urine.
IC ₅₀ & Target	Human Endogenous Metabolite

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

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