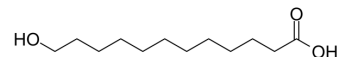


12-Hydroxydodecanoic acid

Cat. No.:	HY-128743
CAS No.:	505-95-3
Molecular Formula:	C ₁₂ H ₂₄ O ₃
Molecular Weight:	216.32
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (462.28 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	4.6228 mL	23.1139 mL	46.2278 mL
				5 mM	0.9246 mL	4.6228 mL	9.2456 mL
				10 mM	0.4623 mL	2.3114 mL	4.6228 mL
Please refer to the solubility information to select the appropriate solvent.							
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (11.56 mM); Clear solution						
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (11.56 mM); Clear solution						

BIOLOGICAL ACTIVITY

Description	12-Hydroxydodecanoic acid is an endogenous metabolite.
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Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA