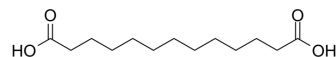


## Tridecanedioic acid

Cat. No.:	HY-128421		
CAS No.:	505-52-2		
Molecular Formula:	C <sub>13</sub> H <sub>24</sub> O <sub>4</sub>		
Molecular Weight:	244.33		
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	DMSO : 100 mg/mL (409.28 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	4.0928 mL	20.4641 mL	40.9283 mL
		5 mM	0.8186 mL	4.0928 mL	8.1857 mL
10 mM		0.4093 mL	2.0464 mL	4.0928 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 (10.23 mM); Suspended solution; Need ultrasonic				
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (10.23 mM); Clear solution				

### BIOLOGICAL ACTIVITY

Description	Tridecanedioic acid is an endogenous metabolite.
-------------	--

**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