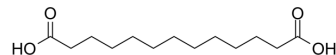


## Tridecanedioic acid

<b>Cat. No.:</b>	HY-128421		
<b>CAS No.:</b>	505-52-2		
<b>Molecular Formula:</b>	C <sub>13</sub> H <sub>24</sub> O <sub>4</sub>		
<b>Molecular Weight:</b>	244.33		
<b>Target:</b>	Endogenous Metabolite		
<b>Pathway:</b>	Metabolic Enzyme/Protease		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 100 mg/mL (409.28 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	<b>Preparing Stock Solutions</b>	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.					
<b>In Vivo</b>	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

<b>Description</b>	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