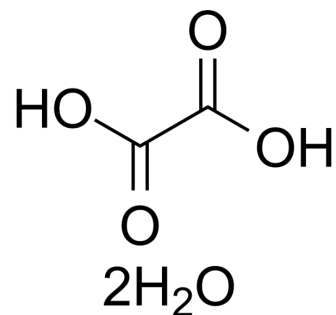


## Oxalic acid dihydrate

<b>Cat. No.:</b>	HY-Y1297		
<b>CAS No.:</b>	6153-56-6		
<b>Molecular Formula:</b>	C <sub>2</sub> H <sub>2</sub> O <sub>6</sub>		
<b>Molecular Weight:</b>	126.07		
<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

#### In Vitro

DMSO : 100 mg/mL (793.21 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	7.9321 mL	39.6605 mL	79.3210 mL
	5 mM	1.5864 mL	7.9321 mL	15.8642 mL
	10 mM	0.7932 mL	3.9661 mL	7.9321 mL

Please refer to the solubility information to select the appropriate solvent.

#### In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline  
Solubility: ≥ 2.5 mg/mL (19.83 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)  
Solubility: ≥ 2.5 mg/mL (19.83 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 2.5 mg/mL (19.83 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

Oxalic acid dihydrate is an endogenous metabolite.

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

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