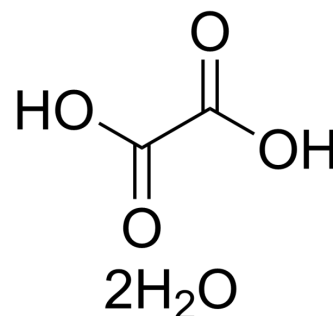


Oxalic acid dihydrate

Cat. No.:	HY-Y1297
CAS No.:	6153-56-6
Molecular Formula:	C ₂ H ₂ O ₆
Molecular Weight:	126.07
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Store at room temperature, keep dry and cool
	In solvent -80°C 2 years
	-20°C 1 year



SOLVENT & SOLUBILITY

In Vitro

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

Concentration	Solvent	Mass	Preparing Stock Solutions		
			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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