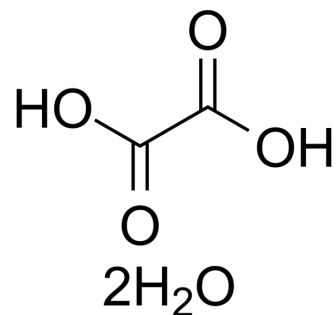


Oxalic acid dihydrate

| | | | |
|---------------------------|--|-------|----------|
| 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: | 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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