

Oxalic acid

Chemical Properties

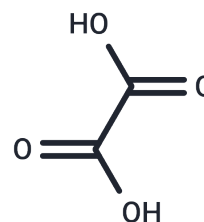
CAS No. : 144-62-7

Formula: C₂H₂O₄

Molecular Weight: 90.03

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Oxalic acid is a strong dicarboxylic acid occurring in many plants. Oxalic acid is produced in the body by metabolism of glyoxylic acid or ascorbic acid.
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	DMSO: 247.5 mg/mL (2749.08 mM),Sonication is recommended. H ₂ O: 100 mg/mL (1110.74 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	11.1074 mL	55.537 mL	111.0741 mL
5 mM	2.2215 mL	11.1074 mL	22.2148 mL
10 mM	1.1107 mL	5.5537 mL	11.1074 mL
50 mM	0.2221 mL	1.1107 mL	2.2215 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Wheate, N., et al.: Dalton Trans., 39, 8113 (2010)

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481