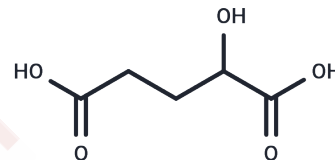


α -Hydroxyglutaric Acid

Chemical Properties

CAS No. :	2889-31-8
Formula:	C ₅ H ₈ O ₅
Molecular Weight:	148.114
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	α -Hydroxyglutaric Acid is a natural product for research related to life sciences. The catalog number is T36624 and the CAS number is 2889-31-8. This compound is unstable in powder form and other related salt forms are recommended.
Targets(IC50)	Histone Demethylase, Others, Endogenous Metabolite

Solubility Information

Solubility	DMSO: 30 mg/mL (202.55 mM), Sonication is recommended. PBS (pH 7.2): 10 mg/mL (67.52 mM), Sonication is recommended. DMF: 30 mg/mL (202.55 mM), Sonication is recommended. Ethanol: 30 mg/mL (202.55 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.7517 mL	33.7587 mL	67.5174 mL
5 mM	1.3503 mL	6.7517 mL	13.5035 mL
10 mM	0.6752 mL	3.3759 mL	6.7517 mL
50 mM	0.135 mL	0.6752 mL	1.3503 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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