

Propane-1,2,3-triol

Chemical Properties

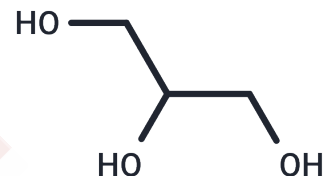
CAS No. :

Formula: C₃H₈O₃

Molecular Weight: 92.09

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	Propane-1,2,3-triol (Glycerol) is commonly used as a solvent, softener, and moisturiser, and is widely applied in biochemical experiments and drug synthesis research.
Targets(IC50)	Others,Endogenous Metabolite

Solubility Information

Solubility	DMSO: 200 mg/mL (2171.79 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	10.8589 mL	54.2947 mL	108.5894 mL
5 mM	2.1718 mL	10.8589 mL	21.7179 mL
10 mM	1.0859 mL	5.4295 mL	10.8589 mL
50 mM	0.2172 mL	1.0859 mL	2.1718 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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