

1,1-Diethoxypropane

Chemical Properties

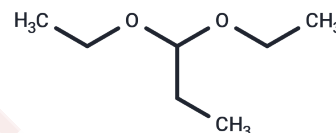
CAS No. : 4744-08-5

Formula: C7H16O2

Molecular Weight: 132.20

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

Actual storage temperature shall be subject to the COA.



Biological Description

Description	1,1-Diethoxypropane is an acetal primarily employed as an organic synthesis intermediate for protecting aldehyde groups.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.5643 mL	37.8215 mL	75.643 mL
5 mM	1.5129 mL	7.5643 mL	15.1286 mL
10 mM	0.7564 mL	3.7821 mL	7.5643 mL
50 mM	0.1513 mL	0.7564 mL	1.5129 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

Li R, et al. Different Sources of Copper Effect on Intestinal Epithelial Cell: Toxicity, Oxidative Stress, and Metabolism. *Metabolites*. 2019 Dec 23;10(1):11.

De Santis R, et al. Chemical linkage to injected tissues is a distinctive property of oxidized avidin. *PLoS One*. 2011;6(6):e21075.

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