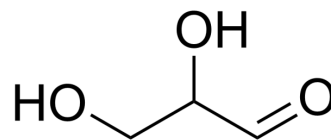


DL-Glyceraldehyde

Cat. No.:	HY-128748
CAS No.:	56-82-6
Molecular Formula:	C ₃ H ₆ O ₃
Molecular Weight:	90.08
Target:	Endogenous Metabolite; Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 125 mg/mL (1387.66 mM; ultrasonic and warming and heat to 60°C)																							
	<table border="1"> <thead> <tr> <th rowspan="2">Preparing Stock Solutions</th> <th rowspan="2">Solvent Concentration</th> <th colspan="3">Mass</th> </tr> <tr> <th>1 mg</th> <th>5 mg</th> <th>10 mg</th> </tr> </thead> <tbody> <tr> <td></td> <td>1 mM</td> <td>11.1012 mL</td> <td>55.5062 mL</td> <td>111.0124 mL</td> </tr> <tr> <td></td> <td>5 mM</td> <td>2.2202 mL</td> <td>11.1012 mL</td> <td>22.2025 mL</td> </tr> <tr> <td></td> <td>10 mM</td> <td>1.1101 mL</td> <td>5.5506 mL</td> <td>11.1012 mL</td> </tr> </tbody> </table>	Preparing Stock Solutions	Solvent Concentration	Mass			1 mg	5 mg	10 mg		1 mM	11.1012 mL	55.5062 mL	111.0124 mL		5 mM	2.2202 mL	11.1012 mL	22.2025 mL		10 mM	1.1101 mL	5.5506 mL	11.1012 mL
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	Please refer to the solubility information to select the appropriate solvent.																							
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (27.75 mM); Clear solution																							

BIOLOGICAL ACTIVITY

Description	DL-Glyceraldehyde is a monosaccharide. DL-Glyceraldehyde is the simplest aldose. DL-Glyceraldehyde can be used for various biochemical studies ^[1] .
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REFERENCES

[1]. Yoshie T, et al. Regulation of the metabolite profile by an APC gene mutation in colorectal cancer. *Cancer Sci.* 2012;103(6):1010-1021.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA