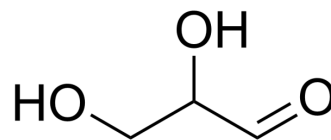


DL-Glyceraldehyde

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)				
	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	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
	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