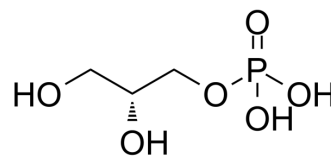


## sn-Glycerol 3-phosphate

Cat. No.:	HY-113128	
CAS No.:	17989-41-2	
Molecular Formula:	C <sub>3</sub> H <sub>9</sub> O <sub>6</sub> P	
Molecular Weight:	172.07	
Target:	Endogenous Metabolite	
Pathway:	Metabolic Enzyme/Protease	
Storage:	Powder	-20°C 3 years
	In solvent	-80°C 6 months
		-20°C 1 month



### SOLVENT & SOLUBILITY

In Vitro	H <sub>2</sub> O : 125 mg/mL (726.45 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	5.8116 mL	29.0579 mL	58.1159 mL
		5 mM	1.1623 mL	5.8116 mL	11.6232 mL
		10 mM	0.5812 mL	2.9058 mL	5.8116 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: PBS Solubility: 25 mg/mL (145.29 mM); Clear solution; Need ultrasonic and warming				

### BIOLOGICAL ACTIVITY

Description	sn-Glycerol 3-phosphate is produced by cytosolic glycerol 3-phosphate dehydrogenase pathway through the reduction of dihydroxyacetone phosphate using NADH formed during glycolysis.
IC <sub>50</sub> & Target	Human Endogenous Metabolite

**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