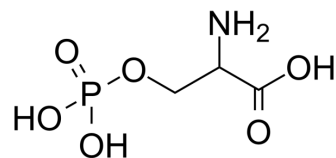


## DL-O-Phosphoserine

Cat. No.:	HY-15130
CAS No.:	17885-08-4
Molecular Formula:	C <sub>3</sub> H <sub>8</sub> NO <sub>6</sub> P
Molecular Weight:	185.07
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



### SOLVENT & SOLUBILITY

In Vitro	H <sub>2</sub> O : 16.67 mg/mL (90.07 mM); ultrasonic and warming and heat to 60°C)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	5.4034 mL	27.0168 mL	54.0336 mL
		5 mM	1.0807 mL	5.4034 mL	10.8067 mL
		10 mM	0.5403 mL	2.7017 mL	5.4034 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 (135.08 mM); Clear solution; Need ultrasonic and warming and heat to 60°C				

### BIOLOGICAL ACTIVITY

Description	DL-O-Phosphoserine, a normal metabolite in human biofluid, is an ester of serine and phosphoric acid.
IC <sub>50</sub> & Target	Human Endogenous Metabolite

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

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