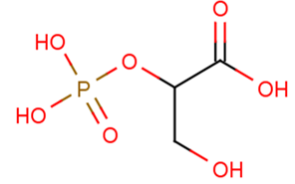


## Data Sheet (Cat.No.T4929)

L-2-Phosphoglyceric acid disodium salt h

### Chemical Properties

CAS No.:	23295-92-3
Formula:	C <sub>3</sub> H <sub>7</sub> Na <sub>2</sub> O <sub>8</sub> P
Molecular Weight:	248.04
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



### Biological Description

Description	2-Phosphoglyceric acid (2PGA) is a glyceric acid which serves as the substrate in the ninth step of glycolysis. It is catalyzed by enolase into phosphoenolpyruvate (PEP), the penultimate step in the conversion of glucose to pyruvate.
Targets(IC <sub>50</sub> )	Others: None

### Solubility Information

Solubility	DMSO: 10 mM ( < 1 mg/ml refers to the product slightly soluble or insoluble)
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#### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.032 mL	20.158 mL	40.316 mL
5 mM	0.806 mL	4.032 mL	8.063 mL
10 mM	0.403 mL	2.016 mL	4.032 mL
50 mM	0.081 mL	0.403 mL	0.806 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

#### Reference

1. Reed GH, et al. Structural and mechanistic studies of enolase. *Curr Opin Struct Biol.* 1996 Dec;6(6):736-43.

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