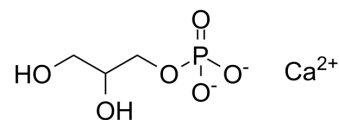


## Calcium glycerophosphate

Cat. No.:	HY-B2203		
CAS No.:	27214-00-2		
Molecular Formula:	C <sub>3</sub> H <sub>7</sub> CaO <sub>6</sub> P		
Molecular Weight:	210.14		
Target:	Phosphatase		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : < 1 mg/mL (ultrasonic;warming;heat to 60°C) (insoluble or slightly soluble)  
 H<sub>2</sub>O : < 0.1 mg/mL (ultrasonic;warming;heat to 60°C) (insoluble)

### BIOLOGICAL ACTIVITY

#### Description

Calcium glycerophosphate is an inhibitor of intestinal alkaline phosphatase F3. Calcium glycerophosphate is a source of calcium and phosphorus in total parenteral nutrition solutions<sup>[1][2]</sup>.

### REFERENCES

- [1]. Datta P, et al. Calcium glycerophosphate preserves transepithelial integrity in the Caco-2 model of intestinal transport. World J Gastroenterol. 2015;21(30):9055-9066.
- [2]. Draper HH, et al. Calcium glycerophosphate as a source of calcium and phosphorus in total parenteral nutrition solutions. JPEN J Parenter Enteral Nutr. 1991;15(2):176-180.

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

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