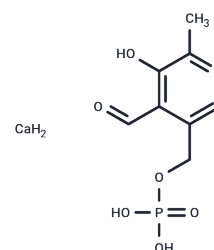


## Pyridoxal calcium phosphate

### Chemical Properties

CAS No. :	5913-70-2
Formula:	C <sub>8</sub> H <sub>12</sub> CaNO <sub>6</sub> P
Molecular Weight:	289.237
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



### Biological Description

Description	Pyridoxal phosphate (PLP, pyridoxal 5'-phosphate, P5P), known as an active form of vitamin B6, is a coenzyme involved in many enzymatic reactions.
Targets(IC50)	Others

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4573 mL	17.2867 mL	34.5734 mL
5 mM	0.6915 mL	3.4573 mL	6.9147 mL
10 mM	0.3457 mL	1.7287 mL	3.4573 mL
50 mM	0.0691 mL	0.3457 mL	0.6915 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

### Reference

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- Sumi C, Ichinose H, Nagatsu T. Characterization of recombinant human aromatic L-amino acid decarboxylase expressed in COS cells. *J Neurochem.* 1990 Sep;55(3):1075-8. PubMed PMID: 2117047.
- Usui S, Yu CA. Purification and properties of isopenicillin N epimerase from *Streptomyces clavuligerus*. *Biochim Biophys Acta.* 1989 Nov 9;999(1):78-85. PubMed PMID: 2804141.
- Deshmukh DR, Srivastava SK. Purification and properties of ornithine aminotransferase from rat brain. *Experientia.* 1984 Apr 15;40(4):357-9. PubMed PMID: 6425075.

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