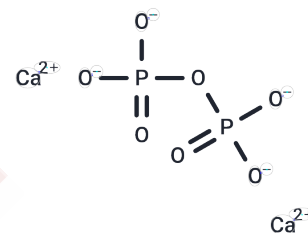


Calcium pyrophosphate

Chemical Properties

CAS No. :	7790-76-3
Formula:	Ca ₂ O ₇ P ₂
Molecular Weight:	254.1
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Calcium pyrophosphate is an inorganic calcium salt associated with chondrocalcinosis and chronic calcium pyrophosphate arthropathy, applicable in biochemical experiments and drug synthesis research.
Targets(IC50)	Others

Solubility Information

Solubility	1 M HCl: 16 mg/mL (62.97 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9355 mL	19.6773 mL	39.3546 mL
5 mM	0.7871 mL	3.9355 mL	7.8709 mL
10 mM	0.3935 mL	1.9677 mL	3.9355 mL
50 mM	0.0787 mL	0.3935 mL	0.7871 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

Bergmeyer H U, et al. Biochemical reagents[M]//Methods of Enzymatic Analysis. Academic Press, 1965: 967-1037.

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