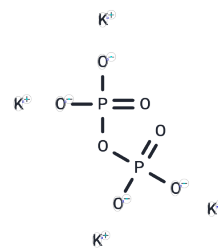


Potassium Diphosphate

Chemical Properties

CAS No. :	7320-34-5
Formula:	K ₄ O ₇ P ₂
Molecular Weight:	330.34
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	Potassium diphosphate is an effective buffer, stabiliser, and chelating agent, widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0272 mL	15.1359 mL	30.2718 mL
5 mM	0.6054 mL	3.0272 mL	6.0544 mL
10 mM	0.3027 mL	1.5136 mL	3.0272 mL
50 mM	0.0605 mL	0.3027 mL	0.6054 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

Pan X,et,al. The Impact of Hyperuricemia on Pharmacokinetics in Sprague-Dawley Rats. Eur J Drug Metab Pharmacokinet. 2025 Jul;50(4):327-339.

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