

Tripotassium phosphate

Chemical Properties

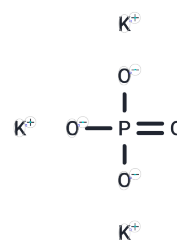
CAS No. : 7778-53-2

Formula: K₃O₄P

Molecular Weight: 212.27

Storage: Store at RT

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Tripotassium phosphate is a strongly alkaline inorganic salt commonly used as a stabiliser, buffer, and phosphate substitute, widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.711 mL	23.5549 mL	47.1098 mL
5 mM	0.9422 mL	4.711 mL	9.422 mL
10 mM	0.4711 mL	2.3555 mL	4.711 mL
50 mM	0.0942 mL	0.4711 mL	0.9422 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

Maulvi FA, et al. Lidocaine tripotassium phosphate complex laden microemulsion for prolonged local anaesthesia: In vitro and in vivo studies. *Colloids Surf B Biointerfaces*. 2020 Jan 1;185:110632.

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