

## Tri-Potassium Phosphate Monohydrate

### Chemical Properties

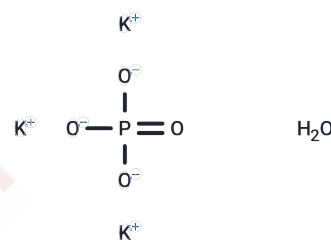
CAS No. : 27176-10-9

Formula: H<sub>2</sub>K<sub>3</sub>O<sub>5</sub>P

Molecular Weight: 230.28

Storage: Store at RT

Actual storage temperature shall be subject to the COA.



### Biological Description

Description	Tri-Potassium Phosphate Monohydrate is a reagent widely used in biochemical experiments, used for preparing buffer solutions and preventing hypophosphatemia.
Targets(IC50)	Others

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3425 mL	21.7127 mL	43.4254 mL
5 mM	0.8685 mL	4.3425 mL	8.6851 mL
10 mM	0.4343 mL	2.1713 mL	4.3425 mL
50 mM	0.0869 mL	0.4343 mL	0.8685 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

Hruschka V, et,al. Comparison of nanoparticulate hydroxyapatite pastes of different particle content and size in a novel scapula defect model. Sci Rep. 2017 Feb 24;7:43425.

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