

## Potassium dihydrogen phosphate, 99.5%

Cat. No.:	HY-Y0332B
CAS No.:	7778-77-0
Molecular Formula:	H <sub>2</sub> KO <sub>4</sub> P
Molecular Weight:	136.09
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



### SOLVENT & SOLUBILITY

#### In Vitro

H<sub>2</sub>O : 50 mg/mL (367.40 mM; Need ultrasonic)  
DMSO : < 1 mg/mL (ultrasonic;warming;heat to 80°C) (insoluble or slightly soluble)

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
	1 mM		7.3481 mL	36.7404 mL	73.4808 mL
	5 mM		1.4696 mL	7.3481 mL	14.6962 mL
	10 mM		0.7348 mL	3.6740 mL	7.3481 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Potassium phosphate monobasic (DiA) is a commonly used in biological assay buffers. Potassium phosphate monobasic is moderate to highly concentrated aqueous solutions of potassium phosphate monobasic for the production of phosphate buffers and other laboratory applications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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