

Potassium dihydrogen phosphate, 99.5%

Cat. No.:	HY-Y0332B
CAS No.:	7778-77-0
Molecular Formula:	H ₂ KO ₄ 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

H₂O : 50 mg/mL (367.40 mM; Need ultrasonic)
DMSO : < 1 mg/mL (ultrasonic;warming;heat to 80°C) (insoluble or slightly soluble)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		Concentration	1 mg	5 mg	10 mg
Preparing Stock Solutions	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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