

Phosphoric acid (sodium hydrate), ≥99.0%

Cat. No.:	HY-Y0332C
CAS No.:	13472-35-0
Molecular Formula:	H ₆ NaO ₆ P
Molecular Weight:	156.01
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 : 100 mg/mL (640.98 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	6.4098 mL	32.0492 mL	64.0985 mL
	5 mM	1.2820 mL	6.4098 mL	12.8197 mL
	10 mM	0.6410 mL	3.2049 mL	6.4098 mL

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

BIOLOGICAL ACTIVITY

Description

Phosphoric acid (sodium hydrate), ≥99.0% is used as a buffer capacity reagent in molecular biology, biochemistry, and chromatography. For the preparation of biological buffers. It is also used to purify antibodies, as a laxative, and in combination with other sodium phosphates

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

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