

Sodium dihydrogen phosphate monohydrate

Cat. No.:	HY-W094497
CAS No.:	10049-21-5
Molecular Formula:	H ₄ NaO ₅ P
Molecular Weight:	137.99
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 (724.69 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	7.2469 mL	36.2345 mL	72.4690 mL
	5 mM	1.4494 mL	7.2469 mL	14.4938 mL
	10 mM	0.7247 mL	3.6235 mL	7.2469 mL

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

BIOLOGICAL ACTIVITY

Description

Sodium phosphate monobasic monohydrate is a commonly used buffer^[1].

REFERENCES

[1]. Buur JL, et al. Analysis of diltiazem in Lipoderm transdermal gel using reversed-phase high-performance liquid chromatography applied to homogenization and stability studies. J Pharm Biomed Anal. 2005;38(1):60-65.

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

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