



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Sodium dihydrogen phosphate monohydrate

<b>Cat. No.:</b>	HY-W094497
<b>CAS No.:</b>	10049-21-5
<b>Molecular Formula:</b>	H <sub>4</sub> NaO <sub>5</sub> P
<b>Molecular Weight:</b>	137.99
<b>Target:</b>	Biochemical Assay Reagents
<b>Pathway:</b>	Others
<b>Storage:</b>	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 : 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<sup>[1]</sup>.

### 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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