



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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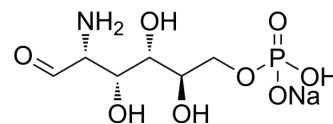
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D-Glucosamine 6-phosphate sodium

Cat. No.:	HY-W718136
CAS No.:	70442-23-8
Molecular Formula:	C ₆ H ₁₃ NNaO ₈ P
Molecular Weight:	281.13
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	-20°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 (177.85 mM; Need ultrasonic and warming)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		3.5571 mL	17.7854 mL	35.5707 mL
	5 mM		0.7114 mL	3.5571 mL	7.1141 mL
	10 mM		0.3557 mL	1.7785 mL	3.5571 mL

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

BIOLOGICAL ACTIVITY

Description

D-Glucosamine 6-phosphate (sodium) (GlcN6P-Na) is a class of biochemical reagents used in glycobiology research. Glycobiology studies the structure, synthesis, biology, and evolution of sugars. It involves carbohydrate chemistry, enzymology of glycan formation and degradation, protein-glycan recognition, and the role of glycans in biological systems. This field is closely related to basic research, biomedicine, and biotechnology^[1].

REFERENCES

[1]. Varki A, et al editors. Essentials of Glycobiology [Internet]. 4th ed. Cold Spring Harbor (NY): Cold Spring Harbor Laboratory Press; 2022.

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

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