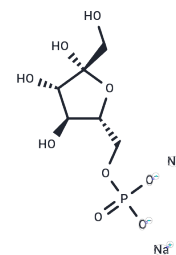


D-Fructose-6-phosphate disodium salt

Chemical Properties

CAS No. :	26177-86-6
Formula:	C ₆ H ₁₁ Na ₂ O ₉ P
Molecular Weight:	304.1
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	D-Fructose-6-phosphate disodium salt (D-FRUCTOSE 6-PHOSPHATE DISODIUM SALT) is an important intermediate in the Carbohydrates pathway. The interconversion of glucose-6-phosphate and fructose-6-phosphate, the second step of the Embden-Meyerhof glycolytic pathway.
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	H ₂ O: 252.5 mg/mL (830.32 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2884 mL	16.442 mL	32.8839 mL
5 mM	0.6577 mL	3.2884 mL	6.5768 mL
10 mM	0.3288 mL	1.6442 mL	3.2884 mL
50 mM	0.0658 mL	0.3288 mL	0.6577 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Holder, J., et al.: PLoS Gen., 7, 1002219 (2011)

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