

D-Fructose-6-phosphate

Chemical Properties

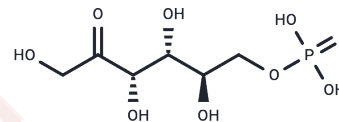
CAS No. : 643-13-0

Formula: C₆H₁₃O₉P

Molecular Weight: 260.14

Storage: Store at low temperature, Keep away from moisture
Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	D-Fructose-6-phosphate is one of the products generated during glycolysis and is involved in the body's energy metabolism.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8441 mL	19.2204 mL	38.4408 mL
5 mM	0.7688 mL	3.8441 mL	7.6882 mL
10 mM	0.3844 mL	1.922 mL	3.8441 mL
50 mM	0.0769 mL	0.3844 mL	0.7688 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

Lin CI, et al. In vitro characterization of LmbK and LmbO: identification of GDP-D-erythro- α -D-gluco-octose as a key intermediate in lincomycin A biosynthesis. J Am Chem Soc. 2014 Jan 22;136(3):906-9.

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