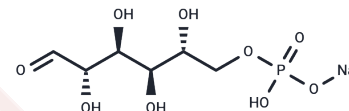


## D-Mannose,6-dihydrogen phosphate (sodium)

### Chemical Properties

CAS No. : 70442-25-0  
 Formula: C<sub>6</sub>H<sub>12</sub>NaO<sub>9</sub>P  
 Molecular Weight: 282.12  
 Storage: 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-Mannose, 6-(dihydrogen phosphate) (sodium) is a biochemical reagent used in glycobiology research. Glycobiology examines the structure, synthesis, biology, and evolution of sugars, involving carbohydrate chemistry, the formation and degradation of glycans, protein-glycan recognition, and the role of glycans in biological systems. This field is closely associated with fundamental research, biomedical science, and biotechnology.
Targets(IC50)	Others

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5446 mL	17.723 mL	35.4459 mL
5 mM	0.7089 mL	3.5446 mL	7.0892 mL
10 mM	0.3545 mL	1.7723 mL	3.5446 mL
50 mM	0.0709 mL	0.3545 mL	0.7089 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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