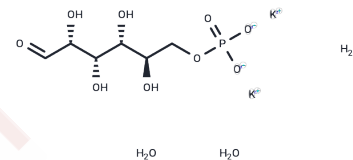


D-Glucose-6-phosphate dipotassium hydrate

Chemical Properties

CAS No. :	207727-36-4
Formula:	C ₆ H ₁₇ K ₂ O ₁₂ P
Molecular Weight:	390.36
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-Glucose-6-phosphate (dipotassium hydrate) is a biochemical reagent utilized in glycobiology research. This field focuses on the study of carbohydrates' structure, synthesis, biology, and evolution. It encompasses carbohydrate chemistry, glycan formation and degradation enzymology, protein-glycan interactions, and glycans' roles in biological systems. Glycobiology is closely linked with fundamental research, biomedicine, and biotechnology.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5617 mL	12.8087 mL	25.6174 mL
5 mM	0.5123 mL	2.5617 mL	5.1235 mL
10 mM	0.2562 mL	1.2809 mL	2.5617 mL
50 mM	0.0512 mL	0.2562 mL	0.5123 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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