Data Sheet (Cat.No.TN8126)

TargetMol

Dipotassium glucose-6-phosphate

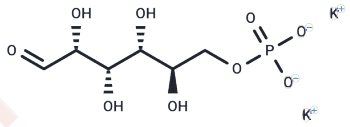
Chemical Properties

CAS No. : 5996-17-8

Formula: C6H11K2O9P

Molecular Weight: 336.32

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 salt dihydrate is a molecule formed through the phosphorylation of glucose (at the 6th carbon). It is a common molecule in biological cells, participating in biochemical pathways such as the pentose phosphate pathway and glycolysis.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9734 mL	14.8668 mL	29.7336 mL
5 mM	0.5947 mL	2.9734 mL	5.9467 mL
10 mM	0.2973 mL	1.4867 mL	2.9734 mL
50 mM	0.0595 mL	0.2973 mL	0.5947 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.

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481