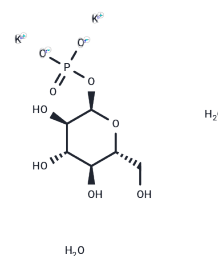


α-D-Glucose 1-phosphate dipotassium

Chemical Properties

CAS No. :	5996-14-5
Formula:	C ₆ H ₁₅ K ₂ O ₁₁ P
Molecular Weight:	372.35
Storage:	Store at low temperature 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	α-D-Glucose 1-phosphate dipotassium is an intermediate in carbohydrate metabolism, suitable for studying related diseases and metabolism.
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	H ₂ O: 28 mg/mL (75.2 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6856 mL	13.4282 mL	26.8565 mL
5 mM	0.5371 mL	2.6856 mL	5.3713 mL
10 mM	0.2686 mL	1.3428 mL	2.6856 mL
50 mM	0.0537 mL	0.2686 mL	0.5371 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

Opdenakker G, Rudd PM, Ponting CP, Dwek RA. Concepts and principles of glycobiology. FASEB J. 1993 Nov;7(14): 1330-7.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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