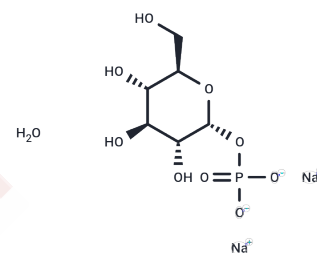


α-D-Glucose-1-phosphate disodium

Chemical Properties

CAS No. :	56401-20-8
Formula:	C ₆ H ₁₃ Na ₂ O ₁₀ P
Molecular Weight:	322.11
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	α-D-Glucose 1-phosphate disodium salt is converted into D-glucose-6-phosphate by the enzyme phosphoglucomutase.
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	H ₂ O: 252.5 mg/mL (783.89 mM) DMSO: Slightly soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1045 mL	15.5226 mL	31.0453 mL
5 mM	0.6209 mL	3.1045 mL	6.2091 mL
10 mM	0.3105 mL	1.5523 mL	3.1045 mL
50 mM	0.0621 mL	0.3105 mL	0.6209 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

Kashimura, N. et al.: Carb. Res., 70, C3 (1979)

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