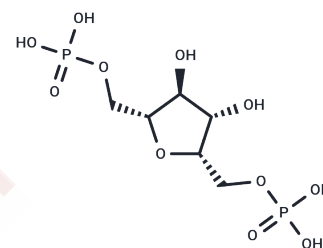


2,5-Anhydro-D-glucitol-1,6-diphosphate

Chemical Properties

CAS No. :	4429-47-4
Formula:	C ₆ H ₁₄ O ₁₁ P ₂
Molecular Weight:	324.12
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	2,5-Anhydro-D-glucitol-1,6-diphosphate acts primarily as a moderate stimulant of yeast Pyruvate Kinase and serves as an analog to the α-form, 2,5-anhydro-D-mannitol 1,6-bisphosphate, which is a potent allosteric activator of Pyruvate Kinase [1].
Targets(IC50)	Others,PKM

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0853 mL	15.4264 mL	30.8528 mL
5 mM	0.6171 mL	3.0853 mL	6.1706 mL
10 mM	0.3085 mL	1.5426 mL	3.0853 mL
50 mM	0.0617 mL	0.3085 mL	0.6171 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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