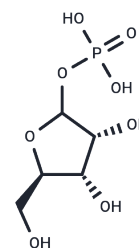


D-Ribofuranose 1-dihydrogenphosphate

Chemical Properties

CAS No. :	14075-00-4
Formula:	C ₅ H ₁₁ O ₈ P
Molecular Weight:	230.11
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	D-Ribofuranose 1-dihydrogen phosphate, also known as 1-phosphoribose, serves as a substrate for uridine phosphorylase in the synthesis of nucleosides from 5-fluorouracil (FUra).
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3457 mL	21.7287 mL	43.4575 mL
5 mM	0.8691 mL	4.3457 mL	8.6915 mL
10 mM	0.4346 mL	2.1729 mL	4.3457 mL
50 mM	0.0869 mL	0.4346 mL	0.8691 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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