

2,5-Diamino-6-hydroxy-4-(5-phosphoribosylamino)pyrimidine

Chemical Properties

CAS No. :	73477-63-1
Formula:	C ₉ H ₁₆ N ₅ O ₈ P
Molecular Weight:	353.23
Storage:	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	2,5-Diamino-6-hydroxy-4-(5-phosphoribosylamino)pyrimidine is a metabolic product in the biosynthesis pathway of Riboflavin [purine metabolic process].
Targets(IC50)	Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.831 mL	14.1551 mL	28.3102 mL
5 mM	0.5662 mL	2.831 mL	5.662 mL
10 mM	0.2831 mL	1.4155 mL	2.831 mL
50 mM	0.0566 mL	0.2831 mL	0.5662 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.

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