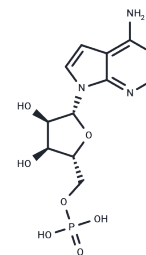


7-Dezaadenosine 5'-phosphate

Chemical Properties

CAS No. :	16719-46-3
Formula:	C ₁₁ H ₁₅ N ₄ O ₇ P
Molecular Weight:	346.23
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	7-Dezaadenosine 5'-phosphate (Tubercidin 5'-phosphate; 7-Deaza-AMP) is a potential substrate and competitive inhibitor of enzymes that interact with 5'-adenosine monophosphate. As a nucleotide derivative, 7-Dezaadenosine 5'-phosphate modulates cellular functions by influencing intracellular signaling pathways, particularly those involving AMP.
Targets(IC50)	Nucleoside Antimetabolite/Analog

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8883 mL	14.4413 mL	28.8825 mL
5 mM	0.5777 mL	2.8883 mL	5.7765 mL
10 mM	0.2888 mL	1.4441 mL	2.8883 mL
50 mM	0.0578 mL	0.2888 mL	0.5777 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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