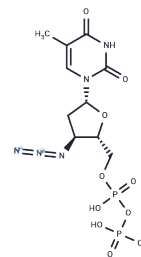


Zidovudine diphosphate

Chemical Properties

CAS No. :	106060-89-3
Formula:	C ₁₀ H ₁₅ N ₅ O ₁₀ P ₂
Molecular Weight:	427.2
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	Zidovudine diphosphate is an antiretroviral medication used to prevent and treat HIV/AIDS. It is of the nucleoside analog reverse-transcriptase inhibitor (NRTI) class. Zidovudine inhibits the enzyme (reverse transcriptase) that HIV uses to synthesize DNA, thus preventing viral DNA from forming.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3408 mL	11.7041 mL	23.4082 mL
5 mM	0.4682 mL	2.3408 mL	4.6816 mL
10 mM	0.2341 mL	1.1704 mL	2.3408 mL
50 mM	0.0468 mL	0.2341 mL	0.4682 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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