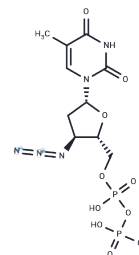


Zidovudine diphosphate

Chemical Properties

CAS No. :	106060-89-3
Formula:	C ₁₀ H ₁₅ N ₅ O ₁₀ P ₂
Molecular Weight:	427.2
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



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.
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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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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