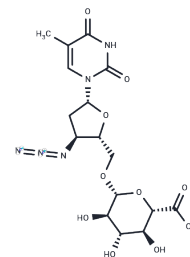


Zidovudine glucuronide

Chemical Properties

CAS No. :	117675-21-5
Formula:	C ₁₆ H ₂₁ N ₅ O ₁₀
Molecular Weight:	443.37
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 glucuronide 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, Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2555 mL	11.2773 mL	22.5545 mL
5 mM	0.4511 mL	2.2555 mL	4.5109 mL
10 mM	0.2255 mL	1.1277 mL	2.2555 mL
50 mM	0.0451 mL	0.2255 mL	0.4511 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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