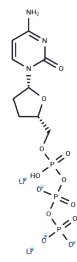


ddCTP trilithium

Chemical Properties

CAS No. :	93939-77-6
Formula:	C ₉ H ₁₃ Li ₃ N ₃ O ₁₂ P ₃
Molecular Weight:	468.96
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	ddCTP trilithium is one of the 2',3'-dideoxyribonucleoside 5'-triphosphates (ddNTPs) that acts as a chain-elongating inhibitor of DNA polymerase for DNA sequencing. It is a nucleoside analog targeting the reverse transcriptase of human immunodeficiency virus (HIV) and can be used for AIDS research [1] [2].
Targets(IC50)	HIV Protease,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1324 mL	10.6619 mL	21.3238 mL
5 mM	0.4265 mL	2.1324 mL	4.2648 mL
10 mM	0.2132 mL	1.0662 mL	2.1324 mL
50 mM	0.0426 mL	0.2132 mL	0.4265 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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