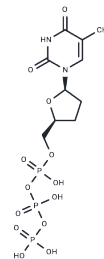


ddTTP

Chemical Properties

CAS No. :	611-60-9
Formula:	C ₁₀ H ₁₇ N ₂ O ₁₃ P ₃
Molecular Weight:	466.17
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	ddTTP, a 2',3'-dideoxyribonucleoside 5'-triphosphate (ddNTP), serves as a chain-elongation inhibitor of DNA polymerase in DNA sequencing [1].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1451 mL	10.7257 mL	21.4514 mL
5 mM	0.429 mL	2.1451 mL	4.2903 mL
10 mM	0.2145 mL	1.0726 mL	2.1451 mL
50 mM	0.0429 mL	0.2145 mL	0.429 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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