

ddTTP trisodium

Chemical Properties

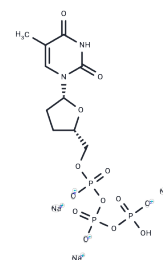
CAS No. :

Formula: C₁₀H₁₄N₂Na₃O₁₃P₃

Molecular Weight: 532.11

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	Dideoxythymidine triphosphate trisodium (ddTTP), a 2',3'-dideoxyribonucleoside 5'-triphosphate (ddNTP), functions as a chain-elongation inhibitor of DNA polymerase in DNA sequencing applications [1].
Targets(IC50)	DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8793 mL	9.3966 mL	18.7931 mL
5 mM	0.3759 mL	1.8793 mL	3.7586 mL
10 mM	0.1879 mL	0.9397 mL	1.8793 mL
50 mM	0.0376 mL	0.1879 mL	0.3759 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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