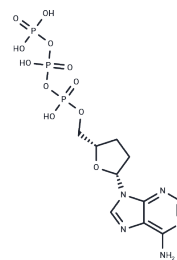


ddATP

Chemical Properties

CAS No. :	24027-80-3
Formula:	C ₁₀ H ₁₆ N ₅ O ₁₁ P ₃
Molecular Weight:	475.18
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	ddATP is a dideoxynucleotide, used as a chain extension inhibitor for DNA polymerase, and used for DNA sequencing by the Sanger method.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1045 mL	10.5223 mL	21.0447 mL
5 mM	0.4209 mL	2.1045 mL	4.2089 mL
10 mM	0.2104 mL	1.0522 mL	2.1045 mL
50 mM	0.0421 mL	0.2104 mL	0.4209 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.

Reference

van der Vliet PC, et al. Role of DNA polymerase gamma in adenovirus DNA replication. Mechanism of inhibition by 2',3'-dideoxynucleoside 5'-triphosphates. *Biochemistry*. 1981 Apr 28;20(9):2628-32.

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