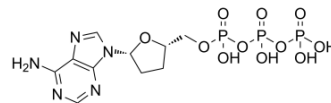


ddATP

Cat. No.:	HY-128036
CAS No.:	24027-80-3
Molecular Formula:	C ₁₀ H ₁₆ N ₅ O ₁₁ P ₃
Molecular Weight:	475.18
Target:	DNA/RNA Synthesis
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description

ddATP is a dideoxynucleotide, acts as a chain-elongating inhibitor of **DNA polymerase**, used for Sanger method for DNA sequencing^[1].

REFERENCES

[1]. 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.

Caution: Product has not been fully validated for medical applications. For research use only.

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