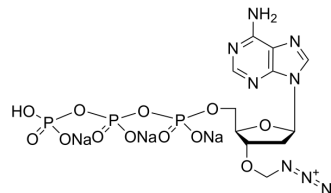


3'-O-N3-dATP trisodium

Cat. No.:	HY-160728A
Molecular Formula:	C ₁₁ H ₁₄ N ₈ Na ₃ O ₁₂ P ₃
Molecular Weight:	612.17
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

3'-O-N3-dATP trisodium (3'-O-Azidomethyl dATP trisodium) is the trisodium salt form of 3'-O-N3-dATP. 3'-O-N3-dATP trisodium is a modified nucleotide, which is utilized for DNA polymerase. 3'-O-N3-dATP trisodium acts as reversible terminator with enhanced raman scattering (SERS) at 2125 cm⁻¹, which determines the DNA sequences continuously^[1].

REFERENCES

[1]. Palla M, et al., DNA sequencing by synthesis using 3'-O-azidomethyl nucleotide reversible terminators and surface-enhanced Raman spectroscopic detection. RSC Adv. 2014 Jan 1;4(90):49342-49346.

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

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