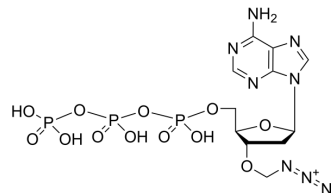


## 3'-O-N3-dATP

Cat. No.:	HY-160728
CAS No.:	1048021-78-8
Molecular Formula:	C <sub>11</sub> H <sub>17</sub> N <sub>8</sub> O <sub>12</sub> P <sub>3</sub>
Molecular Weight:	546.22
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 (3'-O-Azidomethyl dATP) is a modified nucleotide, which is utilized for DNA polymerase. 3'-O-N3-dATP acts as reversible terminator with enhanced raman scattering (SERS) at 2125 cm<sup>-1</sup>, which determines the DNA sequences continuously<sup>[1]</sup>.

### 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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