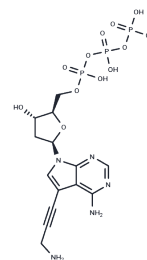


## 7-Deaza-7-propargylamino-dATP

## Chemical Properties

CAS No. :	587848-72-4
Formula:	C <sub>14</sub> H <sub>20</sub> N <sub>5</sub> O <sub>12</sub> P <sub>3</sub>
Molecular Weight:	543.26
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	7-Deaza-7-propargylamino-dATP, a deoxyadenosine triphosphate (dATP) analog, is utilized in gene sequencing.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8407 mL	9.2037 mL	18.4074 mL
5 mM	0.3681 mL	1.8407 mL	3.6815 mL
10 mM	0.1841 mL	0.9204 mL	1.8407 mL
50 mM	0.0368 mL	0.1841 mL	0.3681 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

Peng Peng, et al. A novel target enrichment strategy in next-generation sequencing through 7-deaza-dGTP-resistant enzymatic digestion. BMC Res Notes. 2020 Sep 18;13(1):445.

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