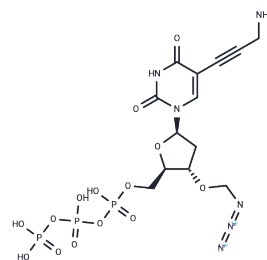


## 5-Propargylamino-3'-azidomethyl-dUTP

### Chemical Properties

CAS No. : 666847-57-0  
 Formula: C<sub>13</sub>H<sub>19</sub>N<sub>6</sub>O<sub>14</sub>P<sub>3</sub>  
 Molecular Weight: 576.244  
 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	5-Propargylamino-3'-azidomethyl-dUTP is a nucleoside molecule utilized in DNA synthesis and sequencing.
Targets(IC50)	Others,DNA/RNA Synthesis

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7354 mL	8.6769 mL	17.3539 mL
5 mM	0.3471 mL	1.7354 mL	3.4708 mL
10 mM	0.1735 mL	0.8677 mL	1.7354 mL
50 mM	0.0347 mL	0.1735 mL	0.3471 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

Milton J, et, al. Modified nucleotides for polynucleotide sequencing. WO2004018497A2.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481