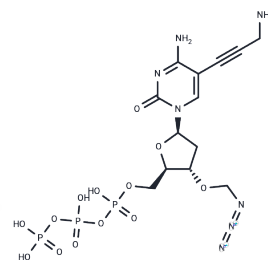


## 5-Propargylamino-3'-azidomethyl-dCTP

## Chemical Properties

CAS No. :	666847-71-8
Formula:	C <sub>13</sub> H <sub>20</sub> N <sub>7</sub> O <sub>13</sub> P <sub>3</sub>
Molecular Weight:	575.26
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	5-Propargylamino-3'-azidomethyl-dCTP, is a nucleoside molecule. It finds utility in DNA synthesis and DNA sequencing.
Targets(IC50)	Others,DNA/RNA Synthesis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7383 mL	8.6917 mL	17.3834 mL
5 mM	0.3477 mL	1.7383 mL	3.4767 mL
10 mM	0.1738 mL	0.8692 mL	1.7383 mL
50 mM	0.0348 mL	0.1738 mL	0.3477 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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