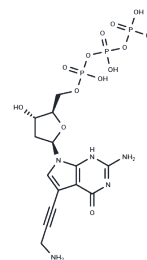


7-Deaza-7-propargylamino-dGTP

Chemical Properties

CAS No. :	587848-73-5
Formula:	C ₁₄ H ₂₀ N ₅ O ₁₃ P ₃
Molecular Weight:	559.257
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-dGTP is a dGTP analogue specifically engineered for gene sequencing.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7881 mL	8.9404 mL	17.8808 mL
5 mM	0.3576 mL	1.7881 mL	3.5762 mL
10 mM	0.1788 mL	0.894 mL	1.7881 mL
50 mM	0.0358 mL	0.1788 mL	0.3576 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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