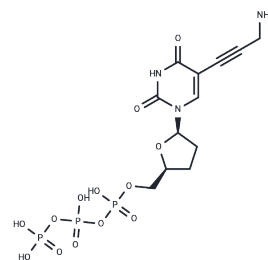


5-Propargylamino-ddUTP

Chemical Properties

CAS No. :	114748-59-3
Formula:	C ₁₂ H ₁₈ N ₃ O ₁₃ P ₃
Molecular Weight:	505.205
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	5-Propargylamino-ddUTP is a nucleoside molecule employed for the synthesis of cyanine dye-nucleotide conjugates, commonly used in nucleic acid labeling and sequence analysis.
Targets(IC50)	Others, DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9794 mL	9.8969 mL	19.7937 mL
5 mM	0.3959 mL	1.9794 mL	3.9587 mL
10 mM	0.1979 mL	0.9897 mL	1.9794 mL
50 mM	0.0396 mL	0.1979 mL	0.3959 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

Duthie RS, et, al. Novel cyanine dye-labeled dideoxynucleoside triphosphates for DNA sequencing. *Bioconjug Chem.* Jul-Aug 2002;13(4):699-706.

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