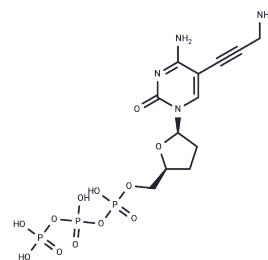


5-Propargylamino-ddCTP

Chemical Properties

CAS No. :	114748-56-0
Formula:	C ₁₂ H ₁₉ N ₄ O ₁₂ P ₃
Molecular Weight:	504.221
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-ddCTP is a nucleoside molecule utilized in the synthesis of cyanine dye-nucleotide conjugate, which finds application in nucleic acid labeling and sequence analysis.
Targets(IC50)	Others,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9833 mL	9.9163 mL	19.8326 mL
5 mM	0.3967 mL	1.9833 mL	3.9665 mL
10 mM	0.1983 mL	0.9916 mL	1.9833 mL
50 mM	0.0397 mL	0.1983 mL	0.3967 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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