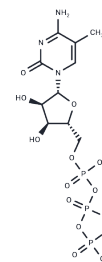


5-Methylcytidine 5'-triphosphate

Chemical Properties

CAS No. :	327174-86-7
Formula:	C10H18N3O14P3
Molecular Weight:	497.18
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-Methylcytidine 5'-triphosphate (5-Methyl-CTP), a modified nucleoside triphosphate, enhances translational properties and stability while reducing innate immune responses in human and other mammalian cells when replacing unmodified mRNA [1].
Targets(IC50)	Others,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0113 mL	10.0567 mL	20.1134 mL
5 mM	0.4023 mL	2.0113 mL	4.0227 mL
10 mM	0.2011 mL	1.0057 mL	2.0113 mL
50 mM	0.0402 mL	0.2011 mL	0.4023 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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