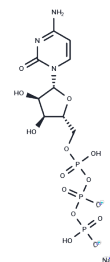


Cytidine-5'-triphosphate sodium hydrate

Chemical Properties

CAS No. :	123334-07-6
Formula:	C ₉ H ₁₈ N ₃ NaO ₁₅ P ₃
Molecular Weight:	527.119
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	Cytidine-5'-triphosphate sodium hydrate (Cytidine triphosphate sodium hydrate; 5'-CTP sodium hydrate) is the sodium hydrate form of Cytidine-5'-triphosphate. This nucleoside triphosphate plays a crucial role in the biosynthesis of DNA, RNA, and lipids.
Targets(IC50)	DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8971 mL	9.4855 mL	18.971 mL
5 mM	0.3794 mL	1.8971 mL	3.7942 mL
10 mM	0.1897 mL	0.9486 mL	1.8971 mL
50 mM	0.0379 mL	0.1897 mL	0.3794 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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