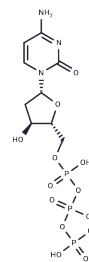


## Deoxycytidine triphosphate

## Chemical Properties

CAS No. :	2056-98-6
Formula:	C <sub>9</sub> H <sub>16</sub> N <sub>3</sub> O <sub>13</sub> P <sub>3</sub>
Molecular Weight:	467.16
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	Deoxycytidine triphosphate is a nucleoside triphosphate. It is a raw material in DNA synthesis. Deoxycytidine triphosphate has many applications, such as real-time PCR, cDNA synthesis, and DNA sequencing.
Targets(IC50)	Nucleoside Antimetabolite/Analog, Endogenous Metabolite, DNA/RNA Synthesis

## Solubility Information

Solubility	H <sub>2</sub> O: 34 mg/mL (72.78 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1406 mL	10.703 mL	21.4059 mL
5 mM	0.4281 mL	2.1406 mL	4.2812 mL
10 mM	0.2141 mL	1.0703 mL	2.1406 mL
50 mM	0.0428 mL	0.2141 mL	0.4281 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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