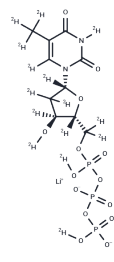


## Deoxythymidine-5'-triphosphate-D15

## Chemical Properties

CAS No. :	2687960-74-1
Formula:	C <sub>10</sub> H <sub>15</sub> Li <sub>2</sub> N <sub>2</sub> O <sub>14</sub> P <sub>3</sub>
Molecular Weight:	509.13
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	Deoxythymidine-5'-triphosphate-D15 is a deuterium-labeled form of deoxythymidine-5'-triphosphate. Deoxythymidine-5'-triphosphate (T40467) (dTTP) is a triphosphate nucleotide utilized in DNA synthesis.
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others,Endogenous Metabolite,DNA/RNA Synthesis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9641 mL	9.8207 mL	19.6413 mL
5 mM	0.3928 mL	1.9641 mL	3.9283 mL
10 mM	0.1964 mL	0.9821 mL	1.9641 mL
50 mM	0.0393 mL	0.1964 mL	0.3928 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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