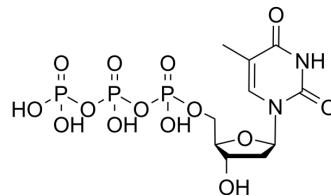


## Deoxythymidine-5'-triphosphate

Cat. No.:	HY-138615
CAS No.:	365-08-2
Molecular Formula:	C <sub>10</sub> H <sub>17</sub> N <sub>2</sub> O <sub>14</sub> P <sub>3</sub>
Molecular Weight:	482.17
Target:	DNA/RNA Synthesis; Nucleoside Antimetabolite/Analog; Endogenous Metabolite
Pathway:	Cell Cycle/DNA Damage; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Deoxythymidine-5'-triphosphate (dTTP) is one of the four nucleoside triphosphates. Deoxythymidine-5'-triphosphate (dTTP) is used in the synthesis of DNA <sup>[1]</sup> .
IC <sub>50</sub> & Target	Human Endogenous Metabolite

### REFERENCES

[1]. Tattersall MH, et al. Deoxyribonucleoside triphosphates in human cells: changes in disease and following exposure to drugs. Eur J Clin Invest. 1975;5(2):191-202.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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