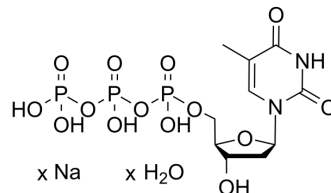


## Deoxythymidine-5'-triphosphate sodium hydrate

<b>Cat. No.:</b>	HY-138615A
<b>Molecular Formula:</b>	$C_{10}H_{17}N_2O_{14}P_3 \cdot xNa \cdot xH_2O$
<b>Target:</b>	DNA/RNA Synthesis; Nucleoside Antimetabolite/Analog; Endogenous Metabolite
<b>Pathway:</b>	Cell Cycle/DNA Damage; Metabolic Enzyme/Protease
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

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

### REFERENCES

[1]. Stillman B. Deoxynucleoside triphosphate (dNTP) synthesis and destruction regulate the replication of both cell and virus genomes. Proc Natl Acad Sci U S A. 2013;110(35):14120-14121.

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

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