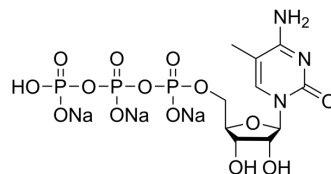


5-Methylcytidine 5'-triphosphate trisodium

Cat. No.:	HY-147338A
Molecular Formula:	C ₁₀ H ₁₅ N ₃ Na ₃ O ₁₄ P ₃
Molecular Weight:	563.13
Target:	DNA/RNA Synthesis
Pathway:	Cell Cycle/DNA Damage
Storage:	Solution, -20°C, 2 years



BIOLOGICAL ACTIVITY

Description

5-Methylcytidine 5'-triphosphate (5-Methyl-CTP) trisodium is a modified nucleoside triphosphate. 5-Methylcytidine 5'-triphosphate trisodium can apply in replacing unmodified mRNA, resulting in the increase of translational properties and stability, as well as the reduction of innate immune responses in human and other mammalian cells^[1].

CUSTOMER VALIDATION

- Cell Rep. 2023 May 23;42(6):112550.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Shanmugasundaram M, et al. An Efficient Protection-Free One-Pot Chemical Synthesis of Modified Nucleoside-5'-Triphosphates. *Nucleosides Nucleotides Nucleic Acids*. 2016 Jul 2;35(7):356-62.

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

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