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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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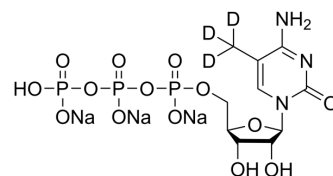
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5-Methylcytidine 5'-triphosphate-d₃ trisodium

Cat. No.:	HY-147338S
Molecular Formula:	C ₁₀ H ₁₂ D ₃ N ₃ Na ₃ O ₁₄ P ₃
Molecular Weight:	566.15
Target:	DNA/RNA Synthesis; Isotope-Labeled Compounds
Pathway:	Cell Cycle/DNA Damage; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

5-Methylcytidine 5'-triphosphate-d₃ trisodium is the deuterium labeled 5-Methylcytidine 5'-triphosphate trisodium (HY-147338A). 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].

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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