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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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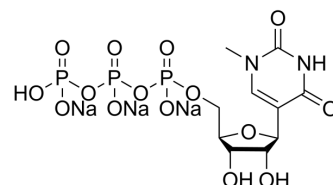
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N1-Methylpseudouridine-5'-triphosphate (trisodium) solution (100mM)

Cat. No.: HY-112582C
Molecular Formula: C₁₀H₁₄N₂Na₃O₁₅P₃
Molecular Weight: 564.11
Target: Nucleoside Antimetabolite/Analog; DNA/RNA Synthesis
Pathway: Cell Cycle/DNA Damage
Storage: -80°C



SOLVENT & SOLUBILITY

In Vitro

H₂O : ≥ 125 mg/mL (221.59 mM)
 * "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.7727 mL	8.8635 mL	17.7270 mL
	5 mM		0.3545 mL	1.7727 mL	3.5454 mL
	10 mM		0.1773 mL	0.8864 mL	1.7727 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

N1-Methylpseudouridine-5'-triphosphate (1-Methylpseudouridine-5'-triphosphate) trisodium solution (100mM) is a nucleobase-modified nucleotide, used for synthesizing mRNA with reduced immunogenicity and improved stability^[1].

REFERENCES

[1]. Andries O, Mc Cafferty S, De Smedt SC, Weiss R, Sanders NN, Kitada T. N(1)-methylpseudouridine-incorporated mRNA outperforms pseudouridine-incorporated mRNA by providing enhanced protein expression and reduced immunogenicity in mammalian cell lines and mice. J Control Release. 2015;217:337-344.

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

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