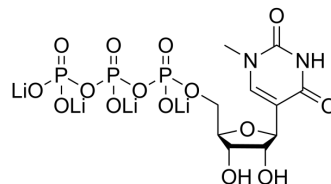


N1-Methylpseudouridine-5'-triphosphate tetralithium

Cat. No.:	HY-112582B
Molecular Formula:	C ₁₀ H ₁₃ Li ₄ N ₂ O ₁₅ P ₃
Molecular Weight:	521.9
Target:	DNA/RNA Synthesis; Nucleoside Antimetabolite/Analog
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

N1-Methylpseudouridine-5'-triphosphate (1-Methylpseudouridine-5'-triphosphate) tetralithium 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA