

N1-Methylpseudouridine-5'-triphosphate tetralithium

Chemical Properties

CAS No. :

Formula: C10H13Li4N2O15P3

Molecular Weight: 521.9

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	N1-Methylpseudouridine-5'-triphosphate tetralithium, also known as 1-Methylpseudouridine-5'-triphosphate tetralithium, is a nucleobase-modified nucleotide. It is utilized in the synthesis of mRNA to decrease immunogenicity and enhance stability [1].
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9161 mL	9.5804 mL	19.1608 mL
5 mM	0.3832 mL	1.9161 mL	3.8322 mL
10 mM	0.1916 mL	0.958 mL	1.9161 mL
50 mM	0.0383 mL	0.1916 mL	0.3832 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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