

## Pseudouridine 5'-triphosphate trisodium

## Chemical Properties

CAS No. :

Formula: C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>Na<sub>3</sub>O<sub>15</sub>P<sub>3</sub>

Molecular Weight: 550.09

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	Pseudouridine-5'-triphosphate (Pseudo-UTP) is widely known for its role in polymerase-mediated RNA synthesis, frequently surpassing uridine in unmodified mRNAs due to improved nuclease stability, immunogenicity, and translational properties.
Targets(IC50)	Others,DNA/RNA Synthesis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8179 mL	9.0894 mL	18.1788 mL
5 mM	0.3636 mL	1.8179 mL	3.6358 mL
10 mM	0.1818 mL	0.9089 mL	1.8179 mL
50 mM	0.0364 mL	0.1818 mL	0.3636 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.

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