

Pseudo UTP Sodium Solution (100 mM)

Catalog Number LDG0015RI

Package 100 µL / Customized package

For full product information, images and publications, please visit [our website](#).



Overview

Description

Pseudo UTP is a modified nucleotide that enables precise RNA modifications and analysis. With its unique structure, pseudo UTP allows for the incorporation of pseudouridine into RNA molecules, mimicking natural post-transcriptional modifications. This versatile compound has extensive applications in studying RNA structure, function, and interactions. Researchers can use pseudo UTP to explore the impact of pseudouridine on RNA stability, translation, and gene expression. By harnessing the potential of pseudo UTP, scientists are uncovering new insights into RNA biology, paving the way for advancements in therapeutics, diagnostics, and synthetic biology.

Product Note

- Pseudouridine-5'-triphosphate, trisodium salt
- Mix thoroughly before use and dilute with nuclease-free water if necessary.

Specifications

Application

In vitro transcription, RNA amplification, miRNA and siRNA synthesis

Concentration

100 mM

Purity

≥98% purity confirmed by HPLC.

Form

Liquid. Clear aqueous solutions (pH 7).

Instruction

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+886-2-27065528

CLD Center

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Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

Stability & Storage

This product is stable after storage at:

- -20°C or -80°C for 12 months under sterile conditions from date of receipt.

Avoid repeated freeze/thaw cycles.

Disclaimer : For Research Use or Further Manufacturing Only.