

N1-Me-Pseudo UTP sodium solution (100 mM)

Cat. No. COV-009

Lot. No. (See product label)

Introduction

Description N1-Me-pUTP or N1-Methyl-Pseudo-UTP, which is a modified nucleotide that can replace the natural cap and is added to in vitro transcription to reduce the autoimmunity, and can further improve the expression efficiency of mRNA by increasing the abundance of ribosome binding. Compared with Pseudo-UTP, N1-Methyl Pseudo-UTP can further improve the expression efficiency of mRNA in cells and reduce the autoimmunity of mRNA.

Product Information

Form Clear colorless solution

CAS No. 987-65-5

Molecular Formula C₁₀H₁₃N₅Na₃O₁₃P₃

Molecular Weight 563.1

Purity ≥99% (HPLC)

Storage and Shipping Information

Storage at -25 to -15 °C (Avoid repeated freeze-thaw cycles)