Creative Enzymes®

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)