

## 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** C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>Na<sub>3</sub>O<sub>13</sub>P<sub>3</sub>

**Molecular Weight** 563.1

**Purity** ≥99% (HPLC)

### Storage and Shipping Information

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