Ver. HB221110

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

Product description

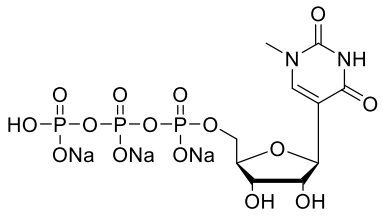
N1-Me-Pseudo UTP sodium solution is one of the most commonly used modified nucleoside triphosphates. It is mostly used as the reaction substrate or coenzyme of enzymes, such as in vitro transcription, RNA amplification, siRNA synthesis, etc. The modified mRNA containing pseudouridine has better nuclease stability and translation characteristics, and changes the innate immune receptor and in vitro transcription. The interaction of RNA has a wide range of applications in the field of therapy and diagnosis.

This product is produced in accordance with GMP process requirements and provided in liquid form.

Components

Components No.	Name	10651ES20	10651ES70	10651ES80
10651	N1-Me-Pseudo UTP sodium solution GMP-grade (100 mM)	20 µL	100 µL	1 mL
Components No.	Name	10651ES90	10651ES96	10651ES99
10651	N1-Me-Pseudo UTP sodium solution GMP-grade (100 mM)	5 mL	25 mL	500 mL

Specifications

CAS No	1428903-59-6 (free acid)
Formula	$C_{10}H_{14}N_2Na_3O_{15}P_3$
Molecular Weight	564.11 g/moL
Purity(HPLC)	⩾ 99%
Content	100 mM ± 3 mM
Structure	

Shipping and Storage

The product is shipped with dry ice and can be stored at -15°C ~ -25°C for two years.

Notes

1. It can be dissolved at room temperature. After dissolution, it should be stored in an ice box or on an ice bath. After use, it should be stored at -20°C immediately.

2. For your safety and health, please wear personal protective equipment (PPE), such as laboratory coats and

disposable gloves, when operating with this product.