



Ver. HB230112

## N1-Me-Pseudo UTP Tris Solution GMP-grade (100 mM)

### Product description

N1-Me-Pseudo UTP 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	10657ES20	10657ES70	10657ES80
10657	N1-Me-Pseudo UTP Tris Solution GMP-grade (100 mM)	20 $\mu$ L	100 $\mu$ L	1 mL
Components No.	Name	10657ES90	10657ES96	10657ES99
10657	N1-Me-Pseudo UTP Tris Solution GMP-grade (100 mM)	5 mL	25 mL	500 mL

### Specifications

CAS No.	1428903-59-6 (free acid)
Molecular formula	C <sub>10</sub> H <sub>17</sub> N <sub>2</sub> O <sub>15</sub> P <sub>3</sub> (free acid)
Molecular weight	498.17 g/mol (free acid)
Purity	≥ 99%
Content	100mM ± 3mM
Structure	

### Storage

The product should be stored at -25°C ~ -15°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.