



Pseudo UTP sodium solution GMP-grade (100 mM)

Product description

Pseudouridine-5-triphosphate, trisodium salt 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 reduces its immunogenicity. It 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	10650ES20	10650ES70	10650ES80	10650ES90
10650	Pseudo UTP sodium solution GMP-grade (100 mM)	20 μ L	100 μ L	1 mL	5 mL

Specifications

CAS No	1175-34-4 (free acid)
Formula	$C_9H_{12}N_2Na_3O_{15}P_3$
Molecular Weight	550.10 g/mol
Purity(HPLC)	$\geq 99\%$
Content	100 mM \pm 3 mM
Structure	

Shipping and Storage

The product is shipped with dry ice and can be stored at $-15^{\circ}\text{C} \sim -25^{\circ}\text{C}$ 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.