

HB220902

Pseudo UTP sodium solution GMP-grade (100 mM)

Product Information

Product name	Cat#	Size
Pseudo UTP sodium solution GMP-grade (100 mM)	10650ES20	20 μ L
	10650ES70	100 μ L
	10650ES80	1 mL
	10650ES90	5 mL

Product Description

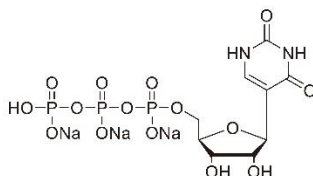
Pseudouridine-5-triphosphate, trisodium salt solution is one of the most commonly used modified nucleoside triphosphates.. It is mostly used as the reaction substrate or coenzyme of enzymes, such as in vitro transcription, RNA amplification, siRNA synthesis, etc. The modified mRNA containing pseudouridine 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.

Product Properties

CAS No.	1175-34-4 (free acid)
Molecular formula	$C_9H_{12}N_2Na_3O_{15}P_3$
Molecular weight	550.10 g/mol

Structure



Purity	$\geq 99\%$
Content	100 mM \pm 3 mM

Shipping and Storage

The products are shipped with dry ice and can be stored at $-15^{\circ}\text{C} \sim -25^{\circ}\text{C}$ for two years.

Cautions

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.