

## pUTP

**Description:** Pseudouridine, pUTP, It is a modified pyrimidine nucleotide. The incorporation of pUTP in the production of mRNA vaccines and drugs increases the expression of mRNA and decreases the immunogenicity of mRNA in vivo, and the immunogenicity of mRNA decreases with the increase ratio of pUTP introduction.

**Molecular Formula:**  $C_9H_{15}N_2O_{15}P_3$  (Free acid)

**Molecular Weight:** 484.14 (Free acid)

**CAS No.:** 116295-90-0 (Free acid)

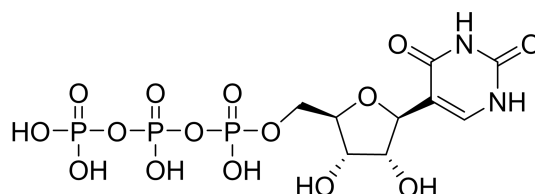
**Concentration:** 100 mM

**Specifications:** 100  $\mu$ L, 1 mL

**Purity:** HPLC  $\geq$ 99%

**Salt type:**  $Na^+$

**Structure:**



**Storage Conditions:** store at  $-15^{\circ}C$  or below.