

CTP (100 mM)

REF: YS0257

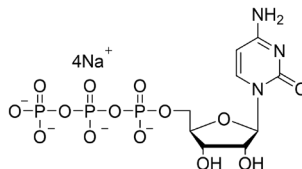
Storage Condition

-20°C

Components

Component	Amount
CTP (100 mM)	1 ml

Note: Avoid repeated freezing and thawing. It is recommended to aliquot upon first use.



Description

CTP, also known as Cytidine-5'-triphosphate, is a colorless and transparent aqueous solution with a purity of ≥99% (HPLC). It is free from DNase, RNase, and phosphatase contamination. It is primarily used in in vitro transcription (IVT), aptamer, laboratory-developed tests (LDT), analyte-specific reagents (ASR), PCR, and RT-PCR reactions.

Product Details

Shipping condition: Blue ice/dry ice

Purity: ≥99% (HPLC)

Salt type: Na⁺

Buffer: Tris-HCl

Concentration: 100 mM±5%

pH: 8.0±0.5

Solvent: Water

CAS number: 36051-68-0

Molecular formula: C₉H₁₆N₃O₁₄P₃ (free acid)

Molecular weight: 483.16 g/mol (free acid)

Sugar type: RNA

Note: Neither the raw materials nor the production process of this product involves any animal-derived components. The product is for research use only.