

## CTP (100 mM)

REF: EG21917S

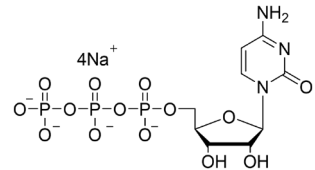
### Storage Condition

-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<sup>+</sup>

**Buffer:** Tris-HCl

**Concentration:** 100 mM±5%

**pH:** 8.0±0.5

**Solvent:** Water

**CAS number:** 36051-68-0

**Molecular formula:** C<sub>9</sub>H<sub>16</sub>N<sub>3</sub>O<sub>14</sub>P<sub>3</sub> (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.