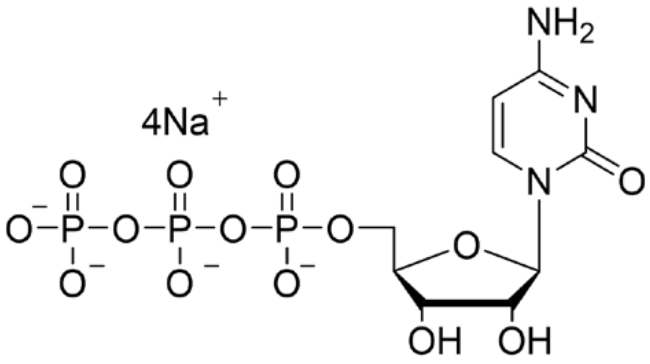
CTP Sodium Solution

Cat. No.: HYJ312

Product 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.



Components

Components	Specification
CTP Sodium Solution (100 mM)	1 mL

Storage

Store at -20°C, avoid repeated freezing and thawing.

Product Details

Item	Information
CAS Number	36051-68-0
Molecular weight	483.16 g/mol (free acid)
Molecular formula	$C_9H_{16}N_3O_{14}P_3$ (free acid)
Purity	≥99% (HPLC)
Concentration	100 mM±5%
pH	8.0±0.5
Appearance	Clear colorless solution