

CTP Solution GMP Grade(100 mM)

Product information

Product Name	Catalog No.	Specification
CTP Solution GMP Grade(100 mM)	10130ES03	1 mL
	10130ES10	10 mL
	10130ES60	100 mL

Product description

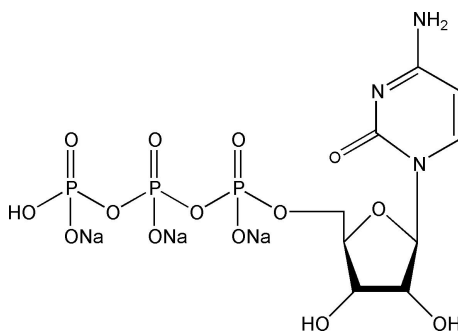
CTP, or Cytidine-5'-triphosphate, is widely used in various molecular biology applications, including in vitro transcription, RNA amplification, and the synthesis of choline and ethanolamine.

This product is a colorless and transparent aqueous solution prepared from CTP trisodium salt with a purity of $\geq 99\%$ (tested by HPLC). It has a concentration of 100 mM and a pH of 7.0 ± 0.1 (at 25°C). Furthermore, it is guaranteed to be free from DNase, RNase, and phosphatase contamination.

Product properties

Synonym	Cytidine-5'-triphosphate, trisodium salt
CAS NO.	65-47-4 (acid form)
Formula	$C_9H_{13}N_3Na_3O_{14}P_3$
Molecular weight	549.1 g/mol (acid form: 483.15 g/mol)
Apperance	Colorless and transparent solution
Purity	$\geq 99\%$

Structure



Shipping and Storage

Shipped with ice packs. Store at -25°C to -15°C . Avoid repeated freeze-thaw cycles. Valid for 2 years.

Precautions

1. The product can be thawed at room temperature. After thawing, it should be kept on ice or in an ice bath. Store at -20°C immediately after use.
2. For your safety and health, please wear a lab coat and disposable gloves when handling this product.
3. This product is for research use only!