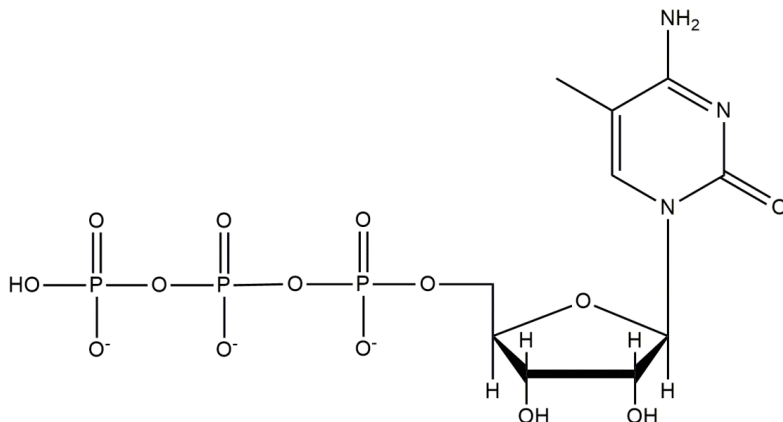


## 5-methylcytidine-5'-triphosphate (5-Me-CTP)

Catalog number: TMC-0050, TMC-0500



5-methyl-CTP, 5-mCTP, 5mCTP

Molecular formula (acid):  $C_{10}H_{18}N_3O_{14}P_3$

Molecular weight (acid): 497,1 g/mole

### Description:

The product is a sterile 100 mM solution of 5-methylcytidine-5'-triphosphate sodium salt in water. The nucleotide has not less than 96% purity confirmed by HPLC, is tested for the presence of endo- and exonuclease activity and free of trace contaminating DNase and RNase, functionally tested *in vitro* in the transcription reaction.

FOR RESEARCH USE ONLY.

### Packing size

Cat. number	Product name	Composition	Quantity
TMC-0050	5-methylcytidine-5'-triphosphate (5-Me-CTP)	100 mM 5-Me-CTP sodium salt in water	50 $\mu$ l
TMC-0500	5-methylcytidine-5'-triphosphate (5-Me-CTP)	100 mM 5-Me-CTP sodium salt in water	500 $\mu$ l

### Storage and transportation conditions:

Long term storage at  $-20^{\circ}\text{C}$ . It is transported in a frozen form, the solution may be defrosted and transported at ambient temperature.

**Shelf life:** 12 months.