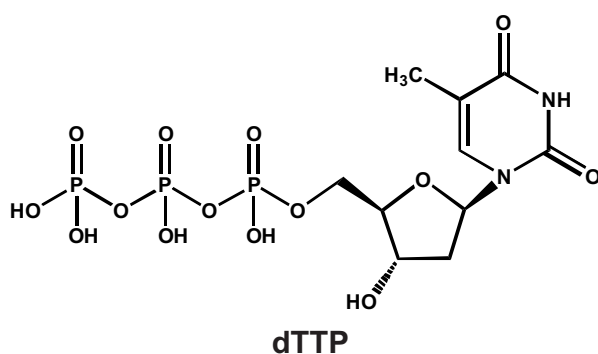


## DATA SHEET

**dTTP solution - Sodium salt**

2'-Deoxythymidine-5'-triphosphate - Sodium salt  
100 mM

| Cat. Nº.                          | Amount   |
|-----------------------------------|----------|
| <input type="checkbox"/> NUC-1065 | 250 µL   |
| <input type="checkbox"/> NUC-106M | 400 µL   |
| <input type="checkbox"/> NUC-106L | 1.000 µL |



**For *in vitro* use only!**

**Shipping:**

Shipped on blue ice

**Storage Conditions:**

Store at -20 °C

**Additional Storage Conditions:**

Avoid freeze/thaw cycles

**Shelf Life:**

12 months

**Molecular Formula:**

$C_{10}H_{17}N_2O_{14}P_3$  (free acid)

**Molecular Weight:**

482.17 g/mol (free acid)

**CAS#:**

3624-46-2

**Purity:**

≥ 99 % (HPLC)

**Form:**

Clear aqueous solution

**Concentration:**

100-110 mM

**pH:**

8.5 ± 0.1

**Spectroscopic Properties:**

$\lambda_{max} = 267 \text{ nm}$ ;  $\epsilon = 9.6 \text{ mmol}^{-1} \cdot \text{cm}^{-1}$  (Tris-HCl pH 7.0)

**Description:**

Ultrapure dTTP supplied as sodium salt in purified water (pH 8.5)

**Quality Control Specifications:**

18 kb long range PCR (template dilution series): suitable;  
Contamination with bacterial or human DNA: not detectable;  
Activity of Dnase, Protease or Phosphatase: not detectable.