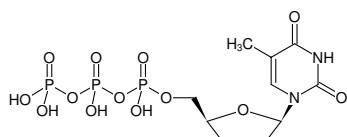


**ddTTP**

3'-Deoxythymidine 5'-triphosphate
2',3'-Dideoxythymidine-5'-triphosphate, Trilithium salt

Cat. No.	Amount
NU-1018S	100 µl (1 µmol)
NU-1018L	5 x 100 µl (5 µmol)



Structural formula of ddTTP

For general laboratory use.

Shipping: shipped on gel packs

Storage Conditions: store at -20 °C

Short term exposure (up to 1 week cumulative) to ambient temperature possible.

Shelf Life: 12 months after date of delivery

Molecular Formula: C₁₀H₁₇N₂O₁₃P₃ (free acid)

Molecular Weight: 466.17 g/mol (free acid)

Exact Mass: 465.99 g/mol (free acid)

CAS#: 93939-78-7 (Trilithium salt), 128524-26-5 (Sodium salt), 611-60-9 (free acid)

Purity: ≥ 98 % (HPLC)

Form: solution in water

Color: colorless to slightly yellow

Concentration: 10 mM - 11 mM

pH: 7.5 ±0.5

Spectroscopic Properties: λ_{max} 267 nm, ε 9.6 L mmol⁻¹ cm⁻¹ (Tris-HCl pH 7.5)

Selected References:

Koji *et al.* (2008) In situ detection of methylated DNA by histo endonuclease-linked detection of methylated DNA sites: a new principle of analysis of DNA methylation. *Histochem Cell Biol* **130**:917.

Sanger *et al.* (1977) DNA sequencing with chain-terminating inhibitors. *Proc. Natl. Acad. Sci. USA* **74**:5463.