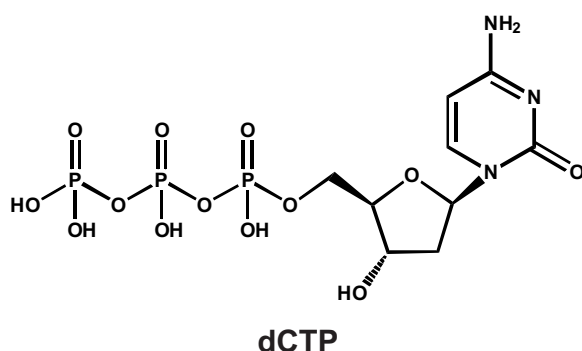


DATA SHEET

**dCTP solution - Sodium salt**

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

Cat. Nº.	Amount
<input type="checkbox"/> NUC-1045	250 µL
<input type="checkbox"/> NUC-104M	400 µL
<input type="checkbox"/> NUC-104L	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:

C₉H₁₆N₃O₁₃P₃ (free acid)

Molecular Weight:

467.15 g/mol (free acid)

CAS#:

109909-44-6

Purity:

≥ 99 % (HPLC)

Form:

Clear aqueous solution

Concentration:

100-110 mM

pH:

8.5 ± 0.1

Spectroscopic Properties:

λ_{\max} = 271 nm; ϵ = 8.9 mmol⁻¹.cm⁻¹ (Tris-HCl pH 7.5)

Description:

Ultrapure dCTP 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.