

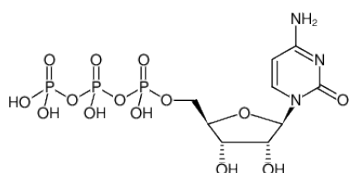
**CTP - Solid**

Cytidine 5'-triphosphate, Sodium salt

Cat. No.	Amount
NU-1050-100	100 mg
NU-1050-1G	1 g
NU-1050-10G	10 g
NU-1050-100G	100 g

Quality Control Specifications:

in vitro transcription (T7 RNA polymerase): visible RNA fragments after 5 min incubation, Proteases: not detectable



Structural formula of CTP - Solid

For general laboratory use.**Shipping:** Shipped on gel packs**Storage Conditions:** Store at -20 °C**Shelf Life:** 12 months**Molecular Formula:** C₉H₁₆N₃O₁₄P₃ (free acid)**Molecular Weight:** 483.16 g/mol (free acid)**CAS#:** 36051-68-0**EC number:** 252-849-3**Purity:** ≥ 95 % (HPLC)**Form:** Powder**Color:** White to slightly yellow**Solubility:** Soluble in water. Clear solution.**Spectroscopic Properties:** λ_{max} 271 nm, ε 8.9 L mmol⁻¹ cm⁻¹ (Tris-HCl pH 7.0)