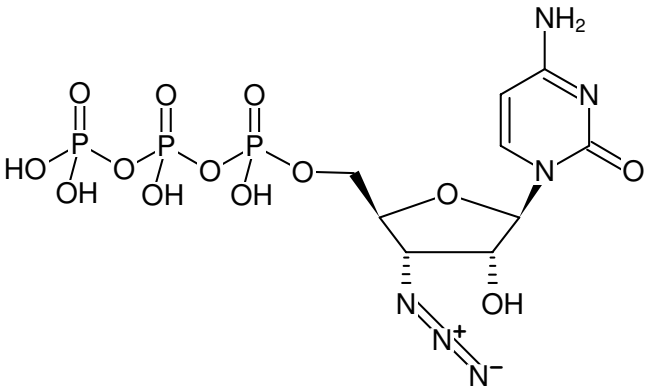
DATA SHEET

Jena Bioscience

3'-Azido-3'-dCTP

3'-Azido-3'-deoxycytidine-5'-triphosphate, Sodium salt

Cat. No.	Amount
NU-993	100 µl (10 mM)



Structural formula of 3'-Azido-3'-dCTP

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: $C_9H_{15}N_6O_{13}P_3$ (free acid)

Molecular Weight: 508.17 g/mol (free acid)

Exact Mass: 507.99 g/mol (free acid)

Purity: ≥ 95 % (HPLC)

Form: solution in water

Color: colorless to slightly yellow

Concentration: 10 mM - 11 mM

pH: 7.5 ±0.5

Spectroscopic Properties: λ_{max} 271 nm, ε 8.9 L mmol^{-1} cm^{-1} (Tris-HCl pH 7.5)