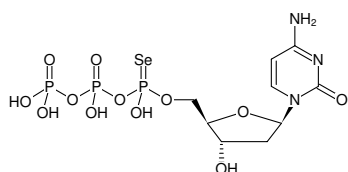


**dCTPaSe**2'-Deoxycytidine-5'-(α -seleno)-triphosphate, Sodium salt (Mixture of Rp and Sp isomers)

Cat. No.	Amount
NU-269S	10 μ l (100 mM)
NU-269L	5 x 10 μ l (100 mM)

Selected References:

Hu *et al.* (2019) Synthesis of Selenium-Triphosphates (dNTPaSe) for More Specific DNA Polymerization. *Angew. Chem. Int. Ed.* **58** (23):7835.



Structural formula of dCTPaSe

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. If stored as recommended, Jena Bioscience guarantees optimal performance of this product for 12 months after date of delivery.

Shelf Life: 12 months after date of delivery**Molecular Formula:** C₉H₁₆N₃O₁₂P₃Se (free acid)**Molecular Weight:** 530.13 g/mol (free acid)**Exact Mass:** 530.91 g/mol (free acid)**Purity:** \geq 95 % (HPLC)**Form:** solution in water**Color:** colorless to slightly yellow**Concentration:** 100 mM - 110 mM**pH:** 7.5 \pm 0.5**Spectroscopic Properties:** λ_{max} 271 nm, ϵ 8.9 L mmol⁻¹ cm⁻¹ (Tris-HCl pH 7.5)