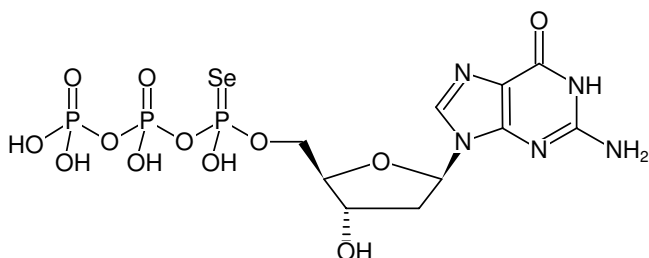


**dGTPaSe**2'-Deoxyguanosine-5'-( $\alpha$ -seleno)-triphosphate, Sodium salt (Mixture of Rp and Sp isomers)

Cat. No.	Amount
NU-268S	10 $\mu$ l (100 mM)
NU-268L	5 x 10 $\mu$ 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 dGTPaSe

**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<sub>10</sub>H<sub>16</sub>N<sub>5</sub>O<sub>12</sub>P<sub>3</sub>Se (free acid)**Molecular Weight:** 570.15 g/mol (free acid)**Exact Mass:** 570.92 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:**  $\lambda_{\text{max}}$  252 nm,  $\epsilon$  13.7 L mmol<sup>-1</sup> cm<sup>-1</sup> (Tris-HCl pH 7.5)