

**dGpNHpp**

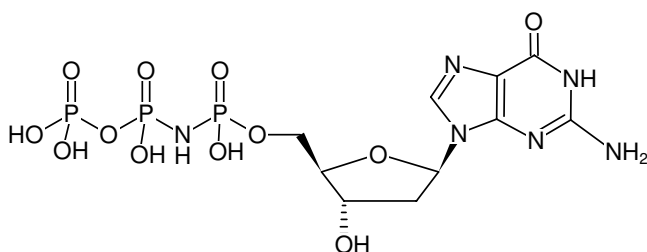
(dGMPNPP)

2'-Deoxyguanosine-5'-[( $\alpha,\beta$ )-imido]triphosphate, Sodium salt

Cat. No.	Amount
NU-440-1	1 mg

**Selected References:**

Koag *et al.* (2019) Mutagenic Replication of the Major Oxidative Adenine Lesion 7,8-Dihydro-8-oxoadenine by Human DNA Polymerases. *J. Am. Chem. Soc.* **141** (11):4584.



Structural formula of dGpNHpp

**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>17</sub>N<sub>6</sub>O<sub>12</sub>P<sub>3</sub> (free acid)**Molecular Weight:** 506.19 g/mol (free acid)**Exact Mass:** 506.01 g/mol (free acid)**CAS#:** 756797-73-6 (free acid)**Purity:** ≥ 95 % (HPLC)**Form:** solid**Color:** white to off-white**Spectroscopic Properties:**  $\lambda_{\text{max}}$  252 nm,  $\epsilon$  13.7 L mmol<sup>-1</sup> cm<sup>-1</sup> (Tris-HCl pH 7.5)