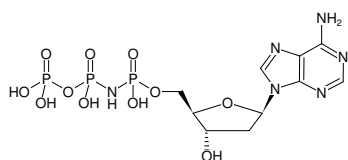


**dApNHpp**

(dAMPNPP)

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

Cat. No.	Amount
NU-443-1	1 mg



Structural formula of dApNHpp

**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>11</sub>P<sub>3</sub> (free acid)**Molecular Weight:** 490.19 g/mol (free acid)**Exact Mass:** 490.02 g/mol (free acid)**CAS#:** 753429-25-3 (free acid)**Purity:** ≥ 95 % (HPLC)**Form:** solid**Color:** white to off-white**Spectroscopic Properties:**  $\lambda_{\max}$  259 nm,  $\epsilon$  15.4 L mmol<sup>-1</sup> cm<sup>-1</sup> (Tris-HCl pH 7.5)**Selected References:**Moscato *et al.* (2016) Induced Fit in the Selection of Correct versus Incorrect Nucleotides by DNA Polymerase  $\beta$ . *Biochemistry* **55** (2):382.Biertümpfel *et al.* (2010) Structure and mechanism of human DNA polymerase  $\epsilon$ . *Nature* **465** (7301):1044.