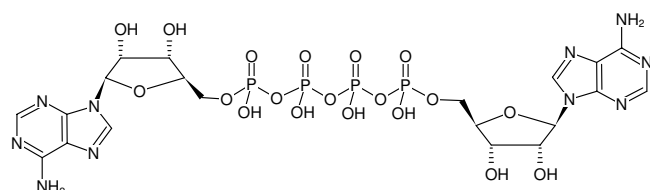


**AP₄A - Solid**

(AppppA)

P¹-(5'-Adenosyl) P⁴-(5'-adenosyl) tetraphosphate, Sodium salt

Cat. No.	Amount
NU-507-5	5 mg
NU-507-25	25 mg

Structural formula of AP₄A - Solid**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:** C₂₀H₂₈N₁₀O₁₉P₄ (free acid)**Molecular Weight:** 836.39 g/mol (free acid)**Exact Mass:** 836.05 g/mol (free acid)**CAS#:** 5542-28-9**Purity:** ≥ 95 % (HPLC)**Form:** solid**Color:** white to off-white**Spectroscopic Properties:** λ_{max} 259 nm, ε 27.0 L mmol⁻¹ cm⁻¹ (Tris-HCl pH 7.5)**Specific Ligands:**Ligand for P2Y receptors:Agonist at P2Y₁ receptor^[1], at P2Y₂ receptor^[2,3], P2Y₁₁ receptors^[3,4] and P2Y receptors in brain and lung membranes^[5]**Selected References:**

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[3] Patel *et al.* (2001) Activity of diadenosine polyphosphates at P2Y receptors stably expressed in 1321N1 cells. *Eur. J. Pharmacol.* **430** (2):203.

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**AP₄A - Solid**

(AppppA)

P¹-(5'-Adenosyl) P⁴-(5'-adenosyl) tetrphosphate, Sodium salt

in procaryotes. Purification and properties of diadenosine 5',5'-P₁,P₄-tetrphosphate (symmetrical) pyrophosphohydrolase from *Escherichia coli* K12. *J. Biol. Chem.* **258**:14784.

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