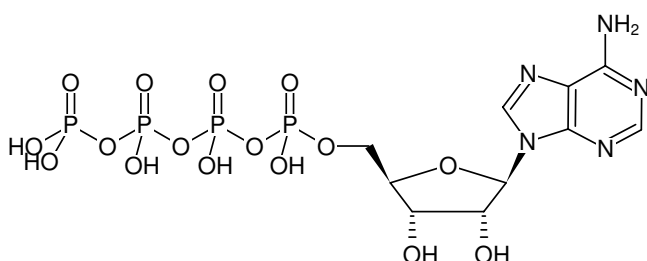


**AP<sub>4</sub>**

(Adenosine-5'-tetrphosphate)  
Adenosine-5'-tetrphosphate, Sodium salt

Cat. No.	Amount
NU-1102S	100 µl (10 mM)
NU-1102L	5 x 100 µl (10 mM)

Structural formula of AP<sub>4</sub>**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>5</sub>O<sub>16</sub>P<sub>4</sub> (free acid)**Molecular Weight:** 587.16 g/mol (free acid)**Exact Mass:** 586.96 g/mol (free acid)**CAS#:** 1062-98-2 (free acid)**Purity:** ≥ 95 % (HPLC)**Form:** solution in water**Color:** colorless to slightly yellow**Concentration:** 10 mM - 11 mM**pH:** 7.5 ± 0.5**Spectroscopic Properties:** λ<sub>max</sub> 259 nm, ε 15.1 L mmol<sup>-1</sup> cm<sup>-1</sup> (Tris-HCl pH 7.0)**Selected References:**

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**AP<sub>4</sub>**

(Adenosine-5'-tetrphosphate)

Adenosine-5'-tetrphosphate, Sodium salt

Liebecq *et al.* (1961) Enzymatic dephosphorylation of Adenosine tetrphosphate. *Nature* **189** (476):661.