

**AppNH<sub>2</sub>**

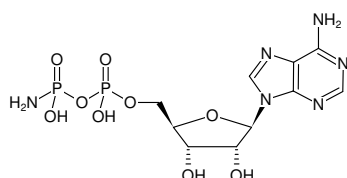
(AMPPN)

Adenosine-5'-(β-amido)diphosphate, Sodium salt

Cat. No.	Amount
NU-1126S	150 µl (10 mM)
NU-1126L	5 x 150 µl (10 mM)

**Applications:**Cleavage by actin ATPase<sup>[1]</sup>**Selected References:**

[1] Stournaras *et al.* (1988) Thiol group reactivity and polymerization of actin in the presence of ATP analogs. *Biochem. Biophys. Res. Commun.* **155 (2)**:962.

Structural formula of AppNH<sub>2</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>16</sub>N<sub>6</sub>O<sub>9</sub>P<sub>2</sub> (free acid)**Molecular Weight:** 426.21 g/mol (free acid)**Exact Mass:** 426.05 g/mol (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 15.4 L mmol<sup>-1</sup> cm<sup>-1</sup> (Tris-HCl pH 7.5)