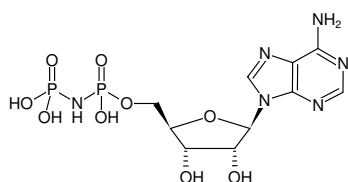


**ApNHp**

(AMPNP)

Adenosine-5'-[(α,β)-imido]diphosphate, Sodium salt

Cat. No.	Amount
NU-448	5 mg



Structural formula of ApNHp

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:** C₁₀H₁₆N₆O₉P₂ (free acid)**Molecular Weight:** 426.22 g/mol (free acid)**Exact Mass:** 426.05 g/mol (free acid)**Purity:** ≥ 95 % (HPLC)**Form:** solid**Color:** white to off-white**Spectroscopic Properties:** λ_{\max} 259 nm, ϵ 15.4 L mmol⁻¹ cm⁻¹ (Tris-HCl pH 7.5)**Selected References:**

Krug *et al.* (2013) The ATP/ADP substrate specificity switch between *Toxoplasma gondii* NTPDase1 and NTPDase3 is caused by an altered mode of binding of the substrate base. *Chembiochem* **14** (17):2292.

Zebisch *et al.* (2013) Crystallographic snapshots along the reaction pathway of nucleoside triphosphate diphosphohydrolases. *Structure* **21** (8):1460.