



γ -[(8-Amino-octyl)-imido]-ATP

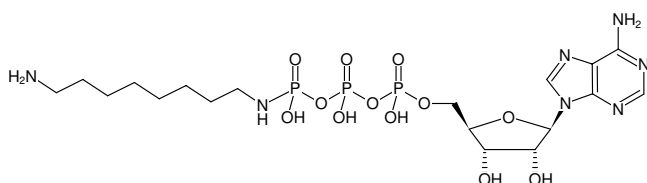
γ -[(8-Amino-octyl)-imido]-adenosine-5'-triphosphate, Sodium salt

Cat. No.	Amount
NU-815S	100 μ l (10 mM)
NU-815L	5 x 100 μ l (10 mM)

Please note: This compound contains a phosphoramidate linkage which is hydrolyzed at pH <7.0.

Selected References:

Suto *et al.* (1998) Synthesis of γ -phosphate-linked nucleoside affinity chromatography resins for protein purification, including ribonucleoside triphosphate reductase. *Nucleosides and Nucleotides* **17** (8):1453.



Structural formula of γ -[(8-Amino-octyl)-imido]-ATP

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: C₁₈H₃₄N₇O₁₂P₃ (free acid)

Molecular Weight: 633.43 g/mol (free acid)

Exact Mass: 633.15 g/mol (free acid)

Purity: \geq 95 % (HPLC)

Form: solution in water

Color: colorless to slightly yellow

Concentration: 10 mM - 11 mM

pH: 7.5 \pm 0.5

Spectroscopic Properties: λ_{\max} 259 nm, ϵ 15.4 L mmol⁻¹ cm⁻¹ (Tris-HCl pH 7.5)