



γ -[(6-Aminoheptyl)-imido]-ATP-Biotin

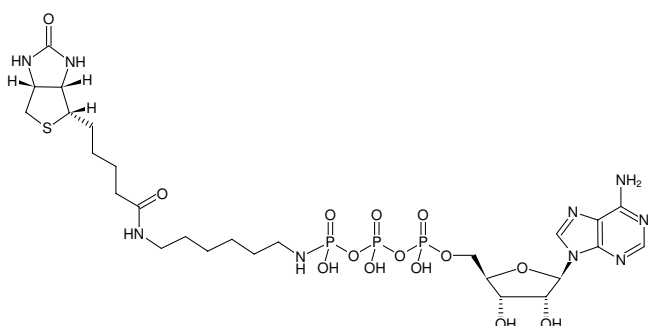
γ -[(6-Aminoheptyl)-imido]-adenosine-5'-triphosphate-Biotin, Triethylammonium salt

Cat. No.	Amount
NU-814-BIO	50 μ l (5 mM)

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

Selected References:

Ermert *et al.* (2017) Different Enzymatic Processing of γ -Phosphoramidate and γ -Phosphoester-Modified ATP Analogues. *ChemBiochem.* **18** (4):378.



Structural formula of γ -[(6-Aminoheptyl)-imido]-ATP-Biotin

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: C₂₆H₄₄N₉O₁₄P₃S (free acid)

Molecular Weight: 831.67 g/mol (free acid)

Exact Mass: 831.19 g/mol (free acid)

Purity: \geq 95 % (HPLC)

Form: solution in water

Color: colorless to slightly yellow

Concentration: 5.0 mM - 5.5 mM

pH: 7.5 \pm 0.5

Spectroscopic Properties: λ_{\max} 259 nm, ϵ 15.3 L mmol⁻¹ cm⁻¹ (Tris-HCl pH 7.5)