

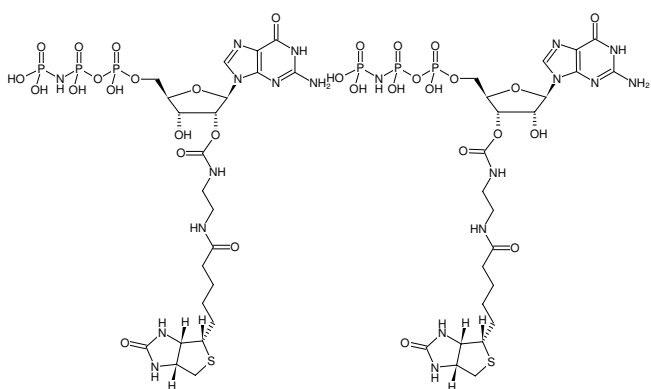


EDA-GppNHp (EDA-GMPPNP)-Biotin

2'/3'-O-(2-Aminoethyl-carbamoyl)-Guanosine-5'-[β,γ -imido] triphosphate-Biotin, Triethylammonium salt

Cat. No.	Amount
NU-860-BIO	50 μ l (5 mM)

Please note: For reasons of stability, please make sure that the pH value of a solution of this product never drops below 7.0. This can be achieved by dissolving the nucleotide in a buffer of your choice (50 - 100 mM, pH 7 - 10). Dissolve and adjust concentration photometrically.



Structural formula of EDA-GppNHp (EDA-GMPPNP)-Biotin

For general laboratory use.

Shipping: shipped on dry ice

Storage Conditions: store at -20 °C

Shelf Life: 6 months after date of delivery

Molecular Formula: C₂₃H₃₇N₁₀O₁₆P₃S (free acid)

Molecular Weight: 834.58 g/mol (free acid)

Exact Mass: 834.13 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} 252 nm, ϵ 13.7 L mmol⁻¹ cm⁻¹ (Tris-HCl pH 7.5)