



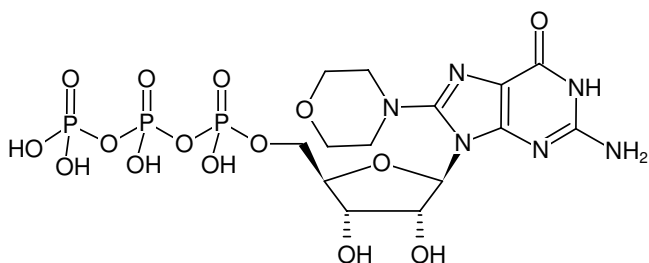
8-Morpholinyl-GTP

8-Morpholinyl-guanosine-5'-triphosphate, Sodium salt

Cat. No.	Amount
NU-906S	50 µl (10 mM)
NU-906L	5 x 50 µl (10 mM)

Selected References:

Läppchen *et al.* (2008) Probing FtsZ and Tubulin with C8-Substituted GTP Analogs Reveals Differences in Their Nucleotide Binding Sites. *Chem. Biol.* **15** (2):189.



Structural formula of 8-Morpholinyl-GTP

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: C₁₄H₂₃N₆O₁₅P₃ (free acid)

Molecular Weight: 608.28 g/mol (free acid)

Exact Mass: 608.04 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_{max} 261 nm, ε 17.9 L mmol⁻¹ cm⁻¹ (Tris-HCl pH 7.5)