**Mant-GppNHp**
(Mant-GMPPNP)
2' / 3'-O-(N-Methyl-anthraniloyl)-guanosine-5' -[(β,γ]-imido]triphosphate, Triethylammonium salt

**Cat. No.** | **Amount**
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NU-207S | 10 Units
NU-207L | 5x 10 Units

**Unit Definition:** 1 unit = 1 µl of a 10 mM solution

For research use only!

**Shipping:** shipped on blue ice

**Storage Conditions:** store at -20 °C

**Shelf Life:** 6 months

**Molecular Formula:** C₁₈H₂₄N₇O₁₄P₃ (free acid)

**Molecular Weight:** 655.34 g/mol (free acid)

**CAS#:** 148821-01-6

**Purity:** ≥ 90 % (HPLC)

**Form:** clear aqueous solution, pH 7.5

**Concentration:** 10 mM

**pH:** 7.5

**Spectroscopic Properties:** λ_max 252/355 nm; ε 22.6/5.7 l mol⁻¹ cm⁻¹ (Tris-HCl pH 7.5); λ_min 355 nm; λ_abs 448 nm

**Applications:**
Inhibition of AC-isoforms[1, 2]

**Specific Ligands:**
Gs/Gi-proteins[3]

**Selected References:**


Diebold et al. (2001) Molecular basis for Rac2 regulation of phagocyte...
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Neal et al. (1990) Hydrolysis of GTP by p21NRAS, the NRAS protooncogene product, is accompanied by a conformational change in the wild-type protein: use of a single fluorescent probe at the catalytic site. Proc. Natl. Acad. Sci. USA 87:3562.