

**2'-Mant-3'-dGTP**

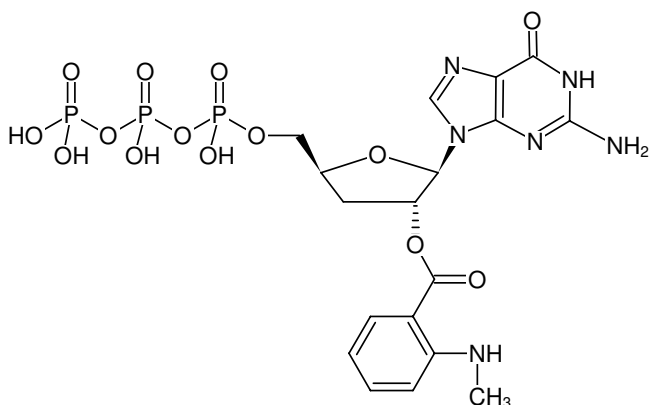
2'-O-(N-Methyl-anthraniloyl)-3'-deoxyguanosine-5'-triphosphate, Triethylammonium salt

Cat. No.	Amount
NU-231S	10 µl (10 mM)
NU-231L	5 x 10 µl (10 mM)

Selected References:

Suryanarayana *et al.* (2009) Distinct interactions of 2'- and 3'-O-(N-methyl)anthraniloyl-isomers of ATP and GTP with the adenylyl cyclase toxin of *Bacillus anthracis*, edema factor. *Biochemical Pharmacology* **78** (3):224.

Gille *et al.* (2003) 2' (3')-O- (N-methylanthraniloyl)-substituted GTP analogs: a novel class of potent competitive adenylyl cyclase inhibitors. *J. Biol. Chem.* **278**:12672.



Structural formula of 2'-Mant-3'-dGTP

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:** C₁₈H₂₃N₆O₁₄P₃ (free acid)**Molecular Weight:** 640.33 g/mol (free acid)**Exact Mass:** 640.05 g/mol (free acid)**CAS#:** 136749-25-2**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} 252/355 nm, ε 22.6/5.7 L mmol⁻¹ cm⁻¹ (Tris-HCl pH 7.5), λ_{exc} 355 nm, λ_{em} 448 nm