

**Mant-cGMP**

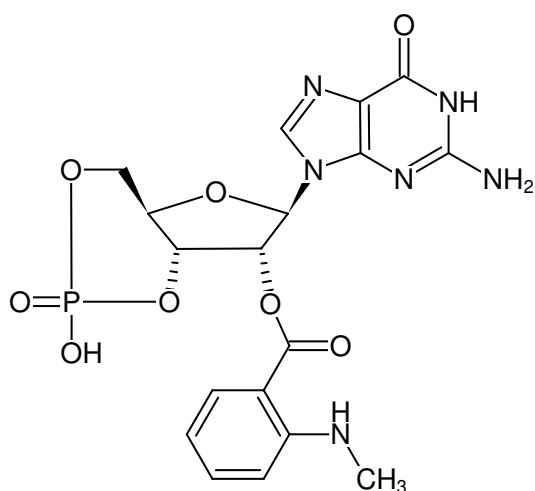
2'-O-(N-Methyl-anthraniloyl)-guanosine-3',5'-cyclic monophosphate, Sodium salt

| Cat. No. | Amount |
|----------|-------------|
| NU-240S | 10 µmol |
| NU-240L | 5 x 10 µmol |

Selected References:

Newton *et al.* (2010) A real-time fluorescent assay of the purified nitric oxide receptor, guanylyl cyclase. *Anal. Biochem.* **402** (2):129.

Johnson *et al.* (1987) A continuous fluorescence assay for cyclic nucleotide phosphodiesterase hydrolysis of cyclic GMP. *Anal. Biochem.* **162** (1):291.



Structural formula of Mant-cGMP

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:** C₁₈H₁₉N₆O₈P (free acid)**Molecular Weight:** 478.35 g/mol (free acid)**Exact Mass:** 478.10 g/mol (free acid)**CAS#:** 83707-15-7**Purity:** ≥ 98 % (HPLC)**Form:** solid**Color:** colorless to slightly yellow**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