

**Mant-cAMP**

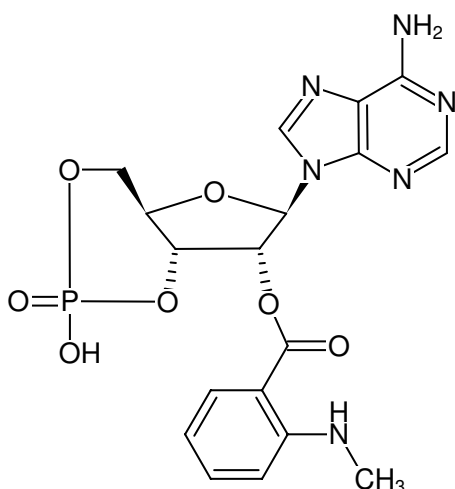
2'-O-(N-Methyl-anthraniloyl)-adenosine-3',5'-cyclic monophosphate, Sodium salt

Cat. No.	Amount
NU-239S	10 μmol
NU-239L	5 x 10 μmol

Selected References:

Diaz-Benjumea *et al.* (2006) Characterization of a novel cAMP-binding, cAMP-specific cyclic nucleotide phosphodiesterase (TcrPDEB1) from *Trypanosoma cruzi*. *Biochem. J.* **399** (2):305.

Alfonso *et al.* (2003) Yessotoxin, a novel phycotoxin, activates phosphodiesterase activity. Effect of yessotoxin on cAMP levels in human lymphocytes. *Biochem. Pharmacol.* **65** (2):193.



Structural formula of Mant-cAMP

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:** C₁₈H₁₉N₆O₇P (free acid)**Molecular Weight:** 462.35 g/mol (free acid)**Exact Mass:** 462.11 g/mol (free acid)**CAS#:** 83707-14-6**Purity:** \geq 98 % (HPLC)**Form:** solid**Color:** colorless to slightly yellow**Spectroscopic Properties:** λ_{max} 255/355 nm, ϵ 23.3/5.8 L mmol⁻¹ cm⁻¹ (Tris-HCl pH 7.5), λ_{exc} 355 nm, λ_{em} 448 nm