DATA SHEET

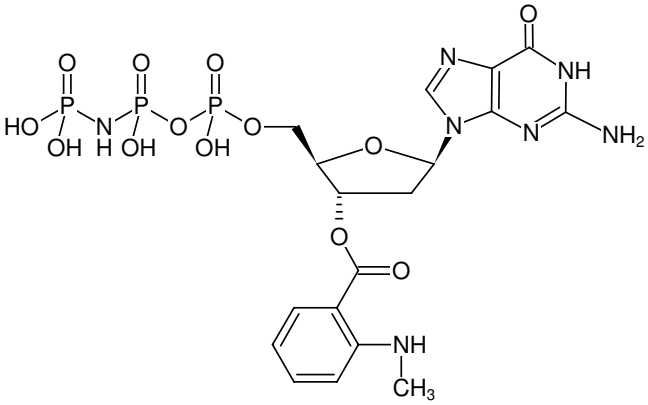
Jena Bioscience

Mant-dGppNHp

(Mant-dGMPPNP)

3'-O-(N-Methyl-anthraniloyl)-2'-deoxyguanosine-5'- [(β,γ)-imido]triphosphate, Triethylammonium salt

Cat. No.	Amount
NU-208L	5 x 10 µl (10 mM)
NU-208S	10 µl (10 mM)



Structural formula of Mant-dGppNHp

Selected References:

Scheidig *et al.* (1995) X-ray crystal-structure analysis of the catalytic domain of the oncogene product p21 (H-Ras) complexed with caged GTP and Mant dGppNHp. *J. Mol. Biol.* **253 (1)**:132.

For general laboratory use.

Please centrifuge briefly before opening (volume ≤2 ml).

Shipping: shipped on gel packs

Storage Conditions: store at -20 °C

Shelf Life: 6 months after date of delivery

Molecular Formula: $C_{18}H_{24}N_7O_{13}P_3$ (free acid)

Molecular Weight: 639.35 g/mol (free acid)

Exact Mass: 639.06 g/mol (free acid)

CAS#: 170032-90-3

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