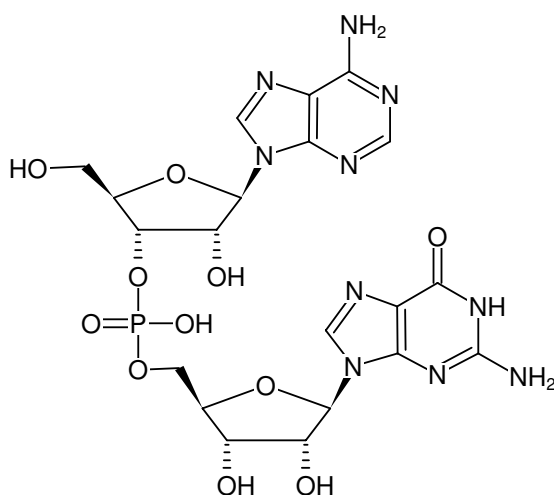




ApG

Sodium salt

Cat. No.	Amount
NU-888S	10 µl (100 mM)
NU-888L	5 x 10 µl (100 mM)



Structural formula of ApG

For general laboratory use.

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

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: C₂₀H₂₅N₁₀O₁₁P (free acid)

Molecular Weight: 612.45 g/mol (free acid)

Exact Mass: 612.14 g/mol (free acid)

Purity: ≥ 95 % (HPLC)

Form: solution in water

Color: colorless to slightly yellow

Concentration: 100 mM - 110 mM

pH: 7.5 ±0.5

Spectroscopic Properties: λ_{max} 260 nm, ε 25.0 L mmol⁻¹ cm⁻¹ (Tris-HCl pH 7.5)



ApG

Sodium salt

Applications:

Initiator dinucleotide for the 5'-labeling of RNA by *in vitro* transcription^[1]

Selected References:

[1] Pitulle *et al.* (1992) Initiator oligonucleotides for the combination of chemical and enzymatic RNA synthesis. *Gene*. **112** (1):101.