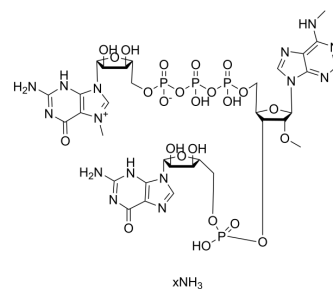


m7Gpppm6AmpG ammonium

Cat. No.: HY-145975A
Molecular Formula: $C_{33}H_{45}N_{15}O_{24}P_4 \cdot xNH_3$
Target: DNA/RNA Synthesis
Pathway: Cell Cycle/DNA Damage
Storage: -20°C, sealed storage, away from moisture
 * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro H₂O : 250 mg/mL (Need ultrasonic)

BIOLOGICAL ACTIVITY

Description m7Gpppm6AmpG ammonium is a trinucleotide mRNA 5' cap analogs. m7Gpppm6AmpG ammonium can be used for RNA synthesis in vitro^[1].

REFERENCES

[1]. Sikorski PJ, Warminski M, Kubacka D, et al. The identity and methylation status of the first transcribed nucleotide in eukaryotic mRNA 5' cap modulates protein expression in living cells. *Nucleic Acids Res.* 2020;48(4):1607-1626.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA