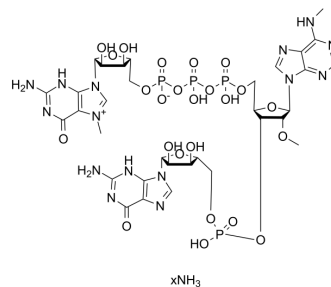


m7Gpppm6AmpG ammonium

Cat. No.:	HY-145975A
Molecular Formula:	C ₃₃ H ₄₅ N ₁₅ O ₂₄ P ₄ ·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	H ₂ O : 250 mg/mL (Need ultrasonic)
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BIOLOGICAL ACTIVITY

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

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