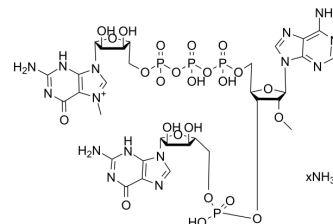


m7GpppAmpG ammonium

Cat. No.:	HY-145974A
Molecular Formula:	$C_{32}H_{43}N_{15}O_{24}P_4 \cdot xNH_3$
Target:	DNA/RNA Synthesis
Pathway:	Cell Cycle/DNA Damage
Storage:	Solution, -20°C, 2 years



BIOLOGICAL ACTIVITY

Description

m7GpppAmpG ammonium is a trinucleotide 5' cap analog with the capping efficiencies for the obtained RNAs of 90%^[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.

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