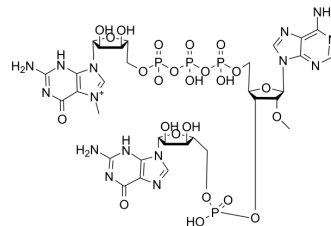


m7GpppAmpG

Cat. No.:	HY-145974
CAS No.:	62858-30-4
Molecular Formula:	$C_{32}H_{43}N_{15}O_{24}P_4^+$
Molecular Weight:	1145.66
Target:	DNA/RNA Synthesis
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

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