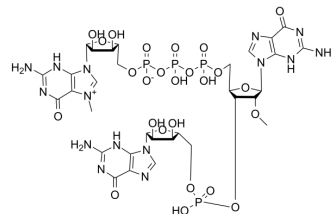


m7GpppGmpG

Cat. No.:	HY-145977
CAS No.:	1258049-00-1
Molecular Formula:	C ₃₂ H ₄₃ N ₁₅ O ₂₅ P ₄
Molecular Weight:	1161.66
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	m7GpppGmpG is a trinucleotide 5' cap analog with the capping efficiencies for the obtained RNAs of 86% ^[1] .
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REFERENCES

[1]. Sikorski PJ, 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 Feb 28;48(4):1607-1626.

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

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