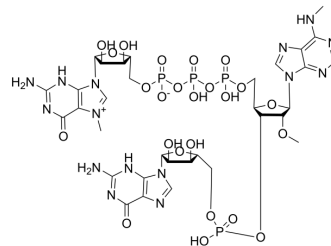


## m7Gpppm6AmpG

Cat. No.:	HY-145975
CAS No.:	71340-22-2
Molecular Formula:	C <sub>33</sub> H <sub>45</sub> N <sub>15</sub> O <sub>24</sub> P <sub>4</sub>
Molecular Weight:	1159.69
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	m7Gpppm6AmpG is a trinucleotide mRNA 5' cap analogs. m7Gpppm6AmpG can be used for RNA synthesis in vitro <sup>[1]</sup> .
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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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