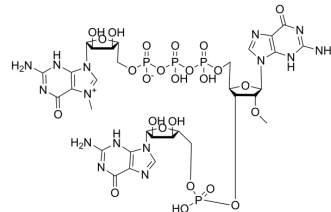


m7GpppGmpG

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].

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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA