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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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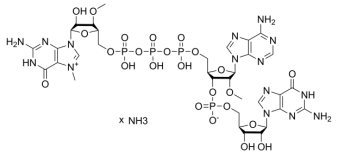
3'Ome-m7GpppAmpG ammonium

Cat. No.:	HY-145973A
Molecular Formula:	$C_{33}H_{45}N_{15}O_{24}P_4.xNH_3$
Target:	DNA/RNA Synthesis
Pathway:	Cell Cycle/DNA Damage
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



BIOLOGICAL ACTIVITY

Description	3'Ome-m7GpppAmpG ammonium is a trinucleotide Cap analogue containing a locked nucleic acid (LNA) molecule. 3'Ome-m7GpppAmpG ammonium shows a significant translational efficiency. 3'Ome-m7GpppAmpG ammonium can be used as a potential molecular biology tool in the field of mRNA vaccines and mRNA transfection, such as protein production, gene therapy and anti-cancer immunization[1].

REFERENCES

[1]. Senthilvelan A, et al. Trinucleotide Cap Analogue Bearing a Locked Nucleic Acid Moiety: Synthesis, mRNA Modification, and Translation for Therapeutic Applications. Org Lett. 2021 Jun 4;23(11):4133-4136.

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