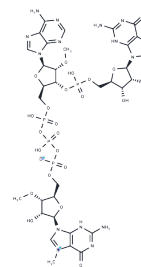


3'Ome-m7GpppAmpG

Chemical Properties

CAS No. :	2089461-55-0
Formula:	C33H45N15O24P4
Molecular Weight:	1159.69
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	3'Ome-m7GpppAmpG, a trinucleotide cap analogue with a locked nucleic acid (LNA) molecule, demonstrates notable translational efficiency. It serves as a promising tool in molecular biology, applicable in mRNA vaccines and transfection processes, including protein production, gene therapy, and anti-cancer immunization [1].
Targets(IC50)	Others,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8623 mL	4.3115 mL	8.623 mL
5 mM	0.1725 mL	0.8623 mL	1.7246 mL
10 mM	0.0862 mL	0.4311 mL	0.8623 mL
50 mM	0.0172 mL	0.0862 mL	0.1725 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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