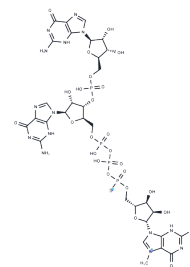


m7GpppGpG

## Chemical Properties

CAS No. : 133608-76-1  
 Formula: C31H41N15O25P4  
 Molecular Weight: 1147.64  
 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	M7GpppGpG, a trinucleotide cap analogue and oligonucleotide, protects against premature degradation by 5'-exonucleases and facilitates pre-mRNA splicing, mRNA transport, and protein biosynthesis initiation by recruiting essential proteins [1].
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8714 mL	4.3568 mL	8.7135 mL
5 mM	0.1743 mL	0.8714 mL	1.7427 mL
10 mM	0.0871 mL	0.4357 mL	0.8714 mL
50 mM	0.0174 mL	0.0871 mL	0.1743 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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