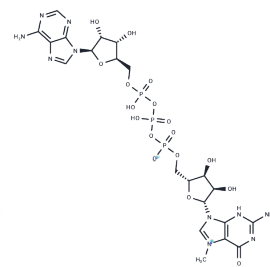


N7-Methyl-guanosine-5'-triphosphate-5'-adenosine

Chemical Properties

CAS No. :	62828-63-1
Formula:	C ₂₁ H ₂₉ N ₁₀ O ₁₇ P ₃
Molecular Weight:	786.437
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	N7-Methylguanosine-5'-triphosphate-5'-adenosine (m7GpppA) is a dinucleotide cap analog employed in the process of in vitro RNA transcription.
Targets(IC50)	Others,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2716 mL	6.3578 mL	12.7155 mL
5 mM	0.2543 mL	1.2716 mL	2.5431 mL
10 mM	0.1272 mL	0.6358 mL	1.2716 mL
50 mM	0.0254 mL	0.1272 mL	0.2543 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.

Reference

Young-Min Lee. Compositions and methods for zika virus characterization and vaccine development. WO2019204654A1.

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