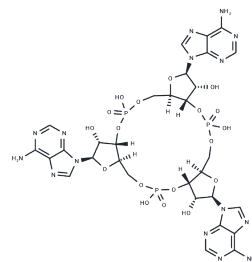


Cyclic tri-AMP

Chemical Properties

CAS No. :	54447-85-7
Formula:	C30H36N15O18P3
Molecular Weight:	987.62
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	Cyclic tri-AMP is a key element of the cyclic oligonucleotide-based anti-phage signaling system (CBASS), functioning as a second messenger in the immune defense against viral infections. It activates DNA endonuclease NucC through binding, leading to cell death and demonstrating antiviral properties.
Targets(IC50)	Endonuclease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0125 mL	5.0627 mL	10.1254 mL
5 mM	0.2025 mL	1.0125 mL	2.0251 mL
10 mM	0.1013 mL	0.5063 mL	1.0125 mL
50 mM	0.0203 mL	0.1013 mL	0.2025 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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