

3'2'-cGAMP

Chemical Properties

CAS No. :	1615704-64-7
Formula:	C ₂₀ H ₂₄ N ₁₀ O ₁₃ P ₂
Molecular Weight:	674.42
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	3'2'-cGAMP (c[A(2',5')pG(3',5')p]) is an isomer of cyclic guanosine monophosphate-adenosine monophosphate (cGAMP). It selectively activates fruit fly STING (dSTING), initiating the dSTING-NF-κB signaling pathway, driving the expression of Sting-regulated genes, and conferring a potent antiviral state in vivo. Additionally, 3'2'-cGAMP resists cleavage by viral poxin and is useful in viral infection research.
Targets(IC50)	NF-κB,STING

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4828 mL	7.4138 mL	14.8276 mL
5 mM	0.2966 mL	1.4828 mL	2.9655 mL
10 mM	0.1483 mL	0.7414 mL	1.4828 mL
50 mM	0.0297 mL	0.1483 mL	0.2966 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.

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