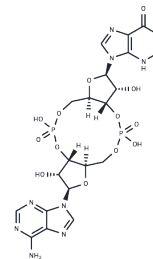


cAIMP

Chemical Properties

CAS No. :	1507367-51-2
Formula:	C ₂₀ H ₂₃ N ₉ O ₁₃ P ₂
Molecular Weight:	659.4
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	cAIMP acts as a STING agonist and has been shown to more effectively activate STING-dependent IRF and NF-κB signaling pathways in mammalian cells in vitro when compared to standard murine (DMXAA) and human (2',3'-cGAMP) STING agonists. In ex vivo experiments with human blood, cAIMP analogs can induce the production of type I interferons (IFNs) and pro-inflammatory cytokines.
Targets(IC50)	NF-κB,IFNAR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5165 mL	7.5827 mL	15.1653 mL
5 mM	0.3033 mL	1.5165 mL	3.0331 mL
10 mM	0.1517 mL	0.7583 mL	1.5165 mL
50 mM	0.0303 mL	0.1517 mL	0.3033 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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