

cGAMP diammonium

Chemical Properties

CAS No. :

Formula: C₂₀H₃₀N₁₂O₁₃P₂

Molecular Weight: 708.47

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	cGAMP (Cyclic GMP-AMPP) diammonium serves as an intrinsic second messenger in metazoans, initiating the production of interferons upon cytosolic DNA detection. It activates the stimulator of interferon genes (STING), subsequently triggering a signaling cascade that culminates in the synthesis of type I interferons and various immune mediators [1] [2] [3] [4].
Targets(IC50)	Others,Endogenous Metabolite,STING

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4115 mL	7.0575 mL	14.1149 mL
5 mM	0.2823 mL	1.4115 mL	2.823 mL
10 mM	0.1411 mL	0.7057 mL	1.4115 mL
50 mM	0.0282 mL	0.1411 mL	0.2823 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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