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# **DATASHEET**

cGAMP disodium

### **Product overview**

Name cGAMP disodium

 Cat No
 HB3827

 Purity
 >98%

**Description** Potent STING ligand

## **Biological Data**

**Biological description** Potent STING ligand. Second messenger in human and mouse cells that triggers interferon production

in response to cytosolic DNA. Binding to STING leads to activation of IRF3 (IFN regulatory factor 3) and the induction of interferon-beta. First cyclic nucleotide in metazoa. Plays a role in bacterial

chemotaxis and colonization.

## **Solubility & Handling**

Storage instructions

**Important** 

+4°C

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not

for human or veterinary use.

### **Chemical Data**

Molecular Weight Chemical structure 720.4

CAS Number 849214-04-6 (free acid)

InChiKey MFPHQIYDBUVTRL-HBMYJXICSA-L

Appearance Crystalline solid