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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

+4°C

Storage of solutions Prepare and use solutions on the same day if possible. Store solutions at -20°C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

Shipping Conditions Stable for ambient temperature shipping. Follow storage instructions on receipt. **Important**

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

Crystalline solid **Appearance**