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## DATASHEET

cGAMP disodium

### Product overview

<b>Name</b>	cGAMP disodium
<b>Cat No</b>	HB3827
<b>Purity</b>	>98%
<b>Description</b>	Potent STING ligand

### Biological Data

<b>Biological description</b>	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.
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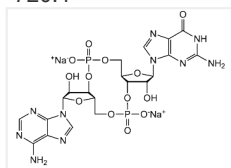
### Solubility & Handling

<b>Storage instructions</b>	+4 °C
<b>Important</b>	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



<b>CAS Number</b>	849214-04-6 (free acid)
<b>InChiKey</b>	MFPHQIYDBUVTRL-HBMYJXICSA-L
<b>Appearance</b>	Crystalline solid