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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.
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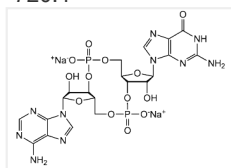
Solubility & Handling

Storage instructions	+4 °C
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
Appearance	Crystalline solid