abcam

Product datasheet

cGAMP disodium salt, STING agonist ab144865

1 Image

Overview

Product name cGAMP disodium salt, STING agonist

Description Potent STING agonist

Biological description Potent STING agonist. Effective concentration in mouse cells at 10 nM. Second messenger that

triggers interferon production in response to cytosolic DNA. Active in vitro.

Purity > 98%

CAS Number 849214-04-6

Chemical structure

Properties

Molecular weight 718.37

Molecular formula $C_{20}H_{24}N_{10}Na_2O_{13}P_2$

PubChem identifier 71563406

Storage instructions Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12

months.

Solubility overview Soluble in water

Handling Wherever possible, you should prepare and use solutions on the same day. However, if you need

to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and

prior to opening the vial we recommend that you allow your product to equilibrate to room

temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our frequently asked

questions (FAQ) page for more details.

SMILES C1[C@@H]2[C@H]([C@H]([C@@H](O2)N3C=NC4=C3NC(=NC4=O)N)OP(=O)

1

Synthetic

Images

Chemical Structure - cGAMP disodium salt, STING agonist (ab144865)

2D chemical structure image of ab144865, cGAMP disodium salt, STING agonist

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- · Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit https://www.abcam.com/abpromise or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors
- Abcam biochemicals are novel compounds and we have not tested their biological activity in house. Please use the literature to identify how to use these products effectively. If you require further assistance please contact the scientific support team