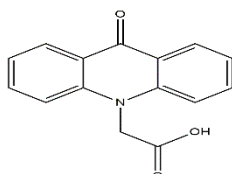


CMA

ALTERNATE NAME: 10-carboxymethyl-9-acridanone
Cridanimod
9-Oxo-10(9H)-acridineacetic acid

CATALOG #: B2397-5 5 mg
B2397-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₅H₁₁NO₃

MOLECULAR WEIGHT: 253.25

CAS NUMBER: 38609-97-1

APPEARANCE: Yellow solid

PURITY: ≥98% by HPLC

SOLUBILITY: >25 mg/ml DMSO

DESCRIPTION: CMA is a murine-selective STING agonist (K_d = 3.5 μM). It directly binds to STING and triggers a strong antiviral response through the TBK1/IRF3 route. CMA triggers type I IFN response in murine macrophages. However, does not activate human STING signaling.

REFERENCES: Cavlar, T., et al. (2013). EMBO J. 32, 1440-1450.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

cGAMP disodium salt (2435)
STING Agonist G10 (B2047)
cyclic-di-GMP (B2045)
DMXAA (2804)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*