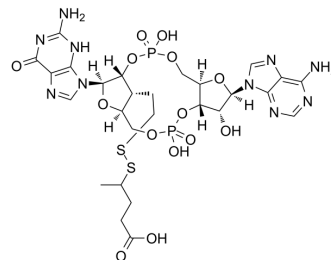


## 2',3'-cGAMP-C2-PPA

<b>Cat. No.:</b>	HY-141662
<b>CAS No.:</b>	2586047-11-0
<b>Molecular Formula:</b>	C <sub>27</sub> H <sub>36</sub> N <sub>10</sub> O <sub>14</sub> P <sub>2</sub> S <sub>2</sub>
<b>Molecular Weight:</b>	850.71
<b>Target:</b>	STING; Drug-Linker Conjugates for ADC
<b>Pathway:</b>	Immunology/Inflammation; Antibody-drug Conjugate/ADC Related
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	2',3'-cGAMP-C2-PPA is a cyclic dinucleotide interferon gene-stimulating protein (STING) agonist. 2',3'-cGAMP-C2-PPA is a drug conjugated conjugate used to target antibody-drug conjugated conjugate (ADC) for the treatment of cancer. 2',3'-cGAMP-C2-PPA can be used in the study of immune and tumor-related diseases <sup>[1][2][3]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	STING <sup>[1]</sup>

### REFERENCES

- [1]. Stazzoni S, et al. Novel Poxin Stable cGAMP-Derivatives Are Remarkable STING Agonists. *Angew Chem Int Ed Engl.* 2022 Oct 4;61(40):e202207175.
- [2]. Zhang X, et al GMP-AMP containing mixed phosphodiester linkages is an endogenous high-affinity ligand for STING. *Mol Cell.* 2013 Jul 25;51(2):226-35
- [3]. Chen Z, et, al. Antibody-sting agonist conjugates and their use in immunotherapy. US20210015941A1.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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