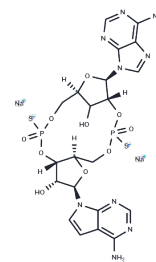


IACS-8779 disodium

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 2243079-27-6 |
| Formula: | C ₂₁ H ₂₃ N ₉ Na ₂ O ₁₀ P ₂ S ₂ |
| Molecular Weight: | 733.52 |
| Storage: | Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA. |



Biological Description

| | |
|---------------|---|
| Description | IACS-8779 disodium, a highly potent STING (stimulator of interferon genes) agonist, demonstrates robust activation of the STING pathway in vitro, along with superior systemic antitumor efficacy. This compound shows a significant anti-tumor response in the B16 murine melanoma model, indicating its potential for effective cancer therapy. |
| Targets(IC50) | Others,STING |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.3633 mL | 6.8164 mL | 13.6329 mL |
| 5 mM | 0.2727 mL | 1.3633 mL | 2.7266 mL |
| 10 mM | 0.1363 mL | 0.6816 mL | 1.3633 mL |
| 50 mM | 0.0273 mL | 0.1363 mL | 0.2727 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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