

## Parent CDN

## Chemical Properties

|                   |  |
|-------------------|--|
| CAS No. :         | 2228893-48-7   |
| Formula:          | C <sub>21</sub> H <sub>24</sub> N <sub>10</sub> O <sub>12</sub> P <sub>2</sub> S   |
| Molecular Weight: | 702.49   |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br><small>Actual storage temperature shall be subject to the COA.</small> |

## Biological Description

|               |   |
|---------------|---|
| Description   | Parent CDN is a cyclic dinucleotide and functions as a STING agonist. It exhibits antitumor activity. |
| Targets(IC50) | STING   |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.4235 mL | 7.1175 mL | 14.2351 mL |
| 5 mM  | 0.2847 mL | 1.4235 mL | 2.847 mL   |
| 10 mM | 0.1424 mL | 0.7118 mL | 1.4235 mL  |
| 50 mM | 0.0285 mL | 0.1424 mL | 0.2847 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.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481