

CamA-IN-1

Chemical Properties

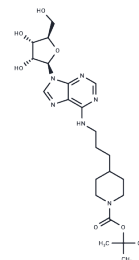
CAS No. :

Formula: C₂₃H₃₆N₆O₆

Molecular Weight: 492.57

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 | CamA-IN-1 is a Clostridioides difficile -specific DNA adenine methyltransferase (CamA) inhibitor. CamA-IN-1 has inhibitory for CamA with IC ₅₀ and K _d values of 0.4 μM and 0.2 μM, respectively. CamA-IN-1 can be used for the research of Clostridioides difficile infections (CDI) . |
| Targets(IC ₅₀) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.0302 mL | 10.1508 mL | 20.3017 mL |
| 5 mM | 0.406 mL | 2.0302 mL | 4.0603 mL |
| 10 mM | 0.203 mL | 1.0151 mL | 2.0302 mL |
| 50 mM | 0.0406 mL | 0.203 mL | 0.406 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

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