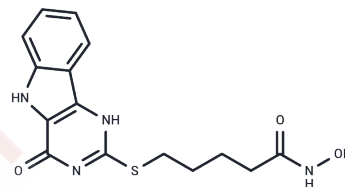


Topo II/HDAC-IN-1

Chemical Properties

CAS No. : 2922269-18-7
 Formula: C₁₅H₁₆N₄O₃S
 Molecular Weight: 332.38
 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 | Topo II/HDAC-IN-1 (7d) demonstrates potent dual inhibitory effects on Topo II and HDAC, while Topo II/HDAC-IN-1 (8d) effectively induces apoptosis [1]. |
| Targets(IC50) | Apoptosis,HDAC,Topoisomerase |
| In vitro | Topo II/HDAC-IN-1 (7d) exhibits the most potent inhibitory effects on MGC-803 and MCF-7, featuring IC50 values of 9.59 μM and 13.43 μM, respectively [1]. |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 3.0086 mL | 15.043 mL | 30.086 mL |
| 5 mM | 0.6017 mL | 3.0086 mL | 6.0172 mL |
| 10 mM | 0.3009 mL | 1.5043 mL | 3.0086 mL |
| 50 mM | 0.0602 mL | 0.3009 mL | 0.6017 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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