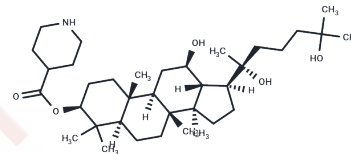


Anticancer agent 65

Chemical Properties

CAS No. : 2407861-48-5
 Formula: C₃₆H₆₃N₅
 Molecular Weight: 589.89
 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 | Anticancer agent 65 showed good results in tumour cell lines, especially A549 cells (IC ₅₀ : 1.07 μM). anticancer agent 65 blocked the cell cycle of A549 cells in S phase, induced apoptosis, increased the expression of p53 and p21, and contributed to ROS generation and MMP collapse. |
| Targets(IC ₅₀) | Apoptosis,MMP,Bcl-2 Family,Others,Reactive Oxygen Species,MDM-2/p53 |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.6952 mL | 8.4762 mL | 16.9523 mL |
| 5 mM | 0.339 mL | 1.6952 mL | 3.3905 mL |
| 10 mM | 0.1695 mL | 0.8476 mL | 1.6952 mL |
| 50 mM | 0.0339 mL | 0.1695 mL | 0.339 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

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