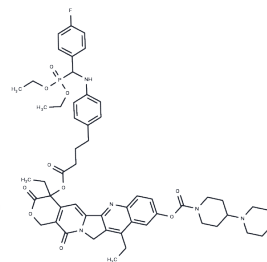


Antitumor agent-61

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 2408917-12-2 |
| Formula: | C54H63FN5O10P |
| Molecular Weight: | 992.08 |
| 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 | Antitumor agent-61 (Compound 9b), an Irinotecan (Ir) derivative, demonstrates potent anticancer activity with IC50 values ranging from 0.92 to 3.23 μ M against six human cancer cell lines: SK-OV-3, SK-OV-3/CDDP, U2OS, MCF-7, A549, and MG-63, and specifically induces apoptosis in SK-OV-3 cells via mitochondrial pathways [1]. |
| Targets(IC50) | Apoptosis,Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.008 mL | 5.0399 mL | 10.0798 mL |
| 5 mM | 0.2016 mL | 1.008 mL | 2.016 mL |
| 10 mM | 0.1008 mL | 0.504 mL | 1.008 mL |
| 50 mM | 0.0202 mL | 0.1008 mL | 0.2016 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