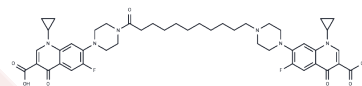


## Anticancer agent 120

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 2928614-22-4  |
| Formula:          | C45H54F2N6O7  |
| Molecular Weight: | 828.94  |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |



## Biological Description

|               |  |
|---------------|--|
| Description   | Anticancer agent 120 (compound 21), an N-acylated derivative of ciprofloxacin, exhibits antibacterial activity and promotes cancer cell apoptosis by inducing ROS [1]. |
| Targets(IC50) | Apoptosis, Reactive Oxygen Species, Antibacterial  |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.2064 mL | 6.0318 mL | 12.0636 mL |
| 5 mM  | 0.2413 mL | 1.2064 mL | 2.4127 mL  |
| 10 mM | 0.1206 mL | 0.6032 mL | 1.2064 mL  |
| 50 mM | 0.0241 mL | 0.1206 mL | 0.2413 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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