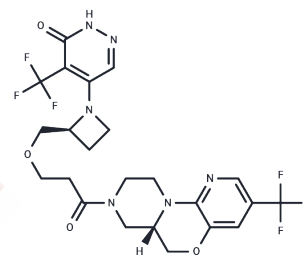


## PARP7-IN-15

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 2819998-97-3  |
| Formula:          | C <sub>23</sub> H <sub>24</sub> F <sub>6</sub> N <sub>6</sub> O <sub>4</sub>  |
| Molecular Weight: | 562.46  |
| 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                | PARP7-IN-15 (Compound 18) is a potent PARP7 inhibitor with an IC <sub>50</sub> of 0.56 nM and demonstrates antitumor activity [1].       |
| Targets(IC <sub>50</sub> ) | PARP   |
| In vitro                   | PARP1-IN-17 (Compound 11b) exhibits antiproliferative effects on A549, OVCAR-3, HCT-116, and MCF-7 cells after 72 hours of exposure [1]. |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 1.7779 mL | 8.8895 mL | 17.779 mL |
| 5 mM  | 0.3556 mL | 1.7779 mL | 3.5558 mL |
| 10 mM | 0.1778 mL | 0.889 mL  | 1.7779 mL |
| 50 mM | 0.0356 mL | 0.1778 mL | 0.3556 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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