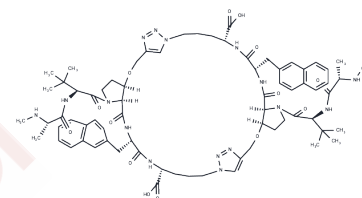


## XIAP BIR2/BIR2-3 inhibitor-1

## Chemical Properties

|                   |                                                                                                                     |
|-------------------|---------------------------------------------------------------------------------------------------------------------|
| CAS No. :         | 1609384-59-9                                                                                                        |
| Formula:          | C72H96N16O14                                                                                                        |
| Molecular Weight: | 1409.63                                                                                                             |
| 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   | XIAP BIR2/BIR2-3 inhibitor-1 (compound 3) serves as a potent dual inhibitor targeting BIR2 and BIR2-3 domains, with IC50 values of 1.9 nM and 0.8 nM, respectively. This compound is utilized in cancer research studies [1]. |
| Targets(IC50) | IAP                                                                                                                                                                                                                           |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 0.7094 mL | 3.547 mL  | 7.0941 mL |
| 5 mM  | 0.1419 mL | 0.7094 mL | 1.4188 mL |
| 10 mM | 0.0709 mL | 0.3547 mL | 0.7094 mL |
| 50 mM | 0.0142 mL | 0.0709 mL | 0.1419 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

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