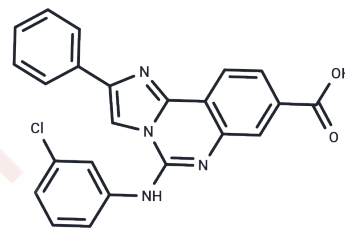


ATG12-IN-1

## Chemical Properties

CAS No. : 2950162-68-0  
 Formula: C<sub>23</sub>H<sub>15</sub>ClN<sub>4</sub>O<sub>2</sub>  
 Molecular Weight: 414.84  
 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                | ATG12-IN-1 (compound 4) acts as an autophagy inhibitor targeting the ATG12-ATG3 protein-protein interaction (IC <sub>50</sub> = 9 μM), suitable for research in cancer studies. |
| Targets(IC <sub>50</sub> ) | Autophagy   |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.4106 mL | 12.0528 mL | 24.1057 mL |
| 5 mM  | 0.4821 mL | 2.4106 mL  | 4.8211 mL  |
| 10 mM | 0.2411 mL | 1.2053 mL  | 2.4106 mL  |
| 50 mM | 0.0482 mL | 0.2411 mL  | 0.4821 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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