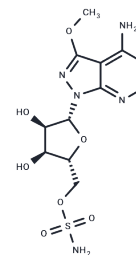


## ATG7-IN-2

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 2226227-75-2  |
| Formula:          | C <sub>11</sub> H <sub>16</sub> N <sub>6</sub> O <sub>7</sub> S   |
| Molecular Weight: | 376.35  |
| 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                | ATG7-IN-2 (compound 1) is a highly potent ATG7 protein inhibitor with an IC <sub>50</sub> of 0.089 μM, effectively suppressing autophagy marker LC3B activity and regulating the autophagy process [1]. |
| Targets(IC <sub>50</sub> ) | Others, Autophagy   |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg      |
|-------|-----------|------------|-----------|
| 1 mM  | 2.6571 mL | 13.2855 mL | 26.571 mL |
| 5 mM  | 0.5314 mL | 2.6571 mL  | 5.3142 mL |
| 10 mM | 0.2657 mL | 1.3286 mL  | 2.6571 mL |
| 50 mM | 0.0531 mL | 0.2657 mL  | 0.5314 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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