

Lp-PLA2-IN-17

## Chemical Properties

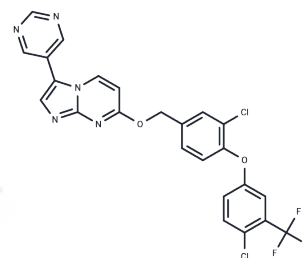
CAS No. : 1818842-74-8

Formula: C<sub>24</sub>H<sub>14</sub>Cl<sub>2</sub>F<sub>3</sub>N<sub>5</sub>O<sub>2</sub>

Molecular Weight: 532.3

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   | Lp-PLA2-IN-17 (Compound 39) acts as an inhibitor of Lp-PLA 2. It is utilized in research to explore disorders associated with the hydrolysis of oxidized lipids into two inflammatory substances mediated by Lp-PLA 2 [1]. |
| Targets(IC50) | Phospholipase  |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.8786 mL | 9.3932 mL | 18.7864 mL |
| 5 mM  | 0.3757 mL | 1.8786 mL | 3.7573 mL  |
| 10 mM | 0.1879 mL | 0.9393 mL | 1.8786 mL  |
| 50 mM | 0.0376 mL | 0.1879 mL | 0.3757 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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