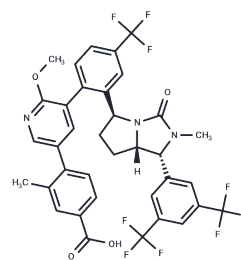


## CETP-IN-4

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 1648889-70-6  |
| Formula:          | C36H28F9N3O4  |
| Molecular Weight: | 737.623   |
| 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   | CETP-IN-4, a cholesteryl ester transfer protein (CETP) inhibitor, effectively impedes the activity of CETP, an enzyme that facilitates the transfer of cholesteryl esters and triglycerides between lipoproteins. This inhibition may contribute to the management of dyslipidemia by altering lipid profiles and reducing cardiovascular risks. [Doses and specific effects may vary based on individual patient conditions.] |
| Targets(IC50) | Others,CETP  |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.3557 mL | 6.7786 mL | 13.5571 mL |
| 5 mM  | 0.2711 mL | 1.3557 mL | 2.7114 mL  |
| 10 mM | 0.1356 mL | 0.6779 mL | 1.3557 mL  |
| 50 mM | 0.0271 mL | 0.1356 mL | 0.2711 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.

## Reference

Liu J, et al. Cholesteryl ester transfer protein (CETP) inhibitors based on cyclic urea, bicyclic urea and bicyclic sulfamide cores. Bioorg Med Chem Lett. 2021 Jan 15;32:127668.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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