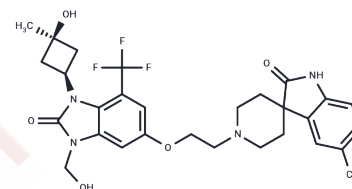


APOL1-IN-2

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 2956781-84-1 |
| Formula: | C ₂₈ H ₃₀ ClF ₃ N ₄ O ₅ |
| Molecular Weight: | 595.01 |
| 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 | APOL1-IN-2 (Compound 467) acts as an inhibitor of apolipoprotein L1 (APOL1). It effectively reduces HEK293 cell death induced by APOL1 G2/G1, with EC ₅₀ values of 4.74 nM and 14.3 nM, respectively. Additionally, APOL1-IN-2 decreases the mortality of trypanosomes triggered by APOL1 G2/G1/G0, with EC ₅₀ values of 2.24, 6.03, and 3.72 nM, respectively. |
| Targets(IC ₅₀) | Apolipoprotein |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.6806 mL | 8.4032 mL | 16.8064 mL |
| 5 mM | 0.3361 mL | 1.6806 mL | 3.3613 mL |
| 10 mM | 0.1681 mL | 0.8403 mL | 1.6806 mL |
| 50 mM | 0.0336 mL | 0.1681 mL | 0.3361 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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