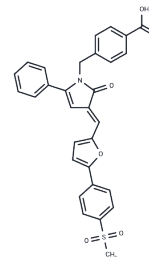


ATG5-TECAIR Inhibitor 17i

Chemical Properties

| | |
|-------------------|--|
| CAS No. : | 2841473-98-9 |
| Formula: | C30H23NO6S |
| Molecular Weight: | 525.57 |
| Storage: | Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small> |



Biological Description

| | |
|---------------|---|
| Description | ATG5-TECAIR Inhibitor 17i has a core structure of (E)-3-(2-furylmethylene)-2-pyrrolidone and blocks the interaction between ATG5 and TECAIR in an in vitro binding assay, with an IC50 > 33 μM. |
| Targets(IC50) | ATG |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 1.9027 mL | 9.5135 mL | 19.027 mL |
| 5 mM | 0.3805 mL | 1.9027 mL | 3.8054 mL |
| 10 mM | 0.1903 mL | 0.9513 mL | 1.9027 mL |
| 50 mM | 0.0381 mL | 0.1903 mL | 0.3805 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

Xiang H, et al. Discovery of Small-Molecule Autophagy Inhibitors by Disrupting the Protein-Protein Interactions Involving Autophagy-Related 5. J Med Chem. 2023 Feb 23;66(4):2457-2476.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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