

## ATG5-PPI Inhibitor 27e

## Chemical Properties

CAS No. :

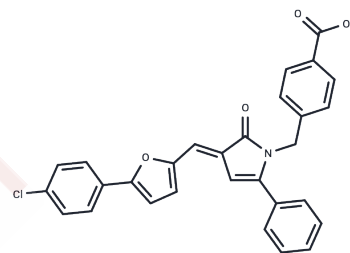
Formula: C<sub>29</sub>H<sub>20</sub>ClNO<sub>4</sub>

Molecular Weight: 481.93

Store at low temperature

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	ATG5-PPI Inhibitor 27e has a core structure of (E)-3-(2-furfurylmethylene)-2-pyrrolidone, and it blocks the interactions between ATG5-ATG16L1 and ATG5-TECAIR in in vitro binding assays with IC <sub>50</sub> values of >33 μM and 17.26 μM, respectively.
Targets(IC50)	ATG

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.075 mL	10.375 mL	20.7499 mL
5 mM	0.415 mL	2.075 mL	4.150 mL
10 mM	0.2075 mL	1.0375 mL	2.075 mL
50 mM	0.0415 mL	0.2075 mL	0.415 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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