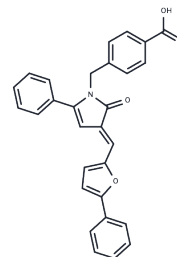


## ATG5-PPI Inhibitor 17h

## Chemical Properties

CAS No. :	2841473-97-8
Formula:	C <sub>29</sub> H <sub>21</sub> N <sub>1</sub> O <sub>4</sub>
Molecular Weight:	447.48
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-PPI Inhibitor 17h features 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 an IC <sub>50</sub> of >33 μM for both.
Targets(IC50)	ATG

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2347 mL	11.1737 mL	22.3474 mL
5 mM	0.4469 mL	2.2347 mL	4.4695 mL
10 mM	0.2235 mL	1.1174 mL	2.2347 mL
50 mM	0.0447 mL	0.2235 mL	0.4469 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481