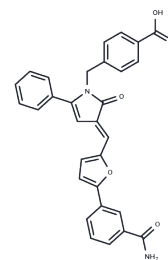


## ATG5-TECAIR Inhibitor 17f

## Chemical Properties

CAS No. :	2841473-95-6
Formula:	C30H22N2O5
Molecular Weight:	490.51
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 17f (IC <sub>50</sub> > 33 μM) has a core structure of (E)-3-(2-furylmethylene)-2-pyrrolidinone and blocks the interaction between ATG5 and ATG16L1 in in vitro binding assays.
Targets(IC50)	ATG

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0387 mL	10.1935 mL	20.3869 mL
5 mM	0.4077 mL	2.0387 mL	4.0774 mL
10 mM	0.2039 mL	1.0193 mL	2.0387 mL
50 mM	0.0408 mL	0.2039 mL	0.4077 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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