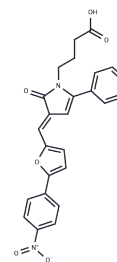


ATG5-TECAIR Inhibitor 12e

Chemical Properties

CAS No. :	2841473-83-2
Formula:	C ₂₅ H ₂₀ N ₂ O ₆
Molecular Weight:	444.44
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 12e contains an (E)-3-(2-furylmethylene)-2-pyrrolidone core structure and blocks the interaction between ATG5 and TECAIR in an in vitro binding assay, with an IC ₅₀ value of 20.79 μM.
Targets(IC ₅₀)	ATG

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.250 mL	11.2501 mL	22.5002 mL
5 mM	0.450 mL	2.250 mL	4.500 mL
10 mM	0.225 mL	1.125 mL	2.250 mL
50 mM	0.045 mL	0.225 mL	0.450 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