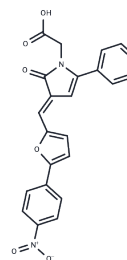


ATG5-TECAIR Inhibitor 12c

Chemical Properties

CAS No. :	2841473-79-6
Formula:	C ₂₃ H ₁₆ N ₂ O ₆
Molecular Weight:	416.38
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 12c features a core structure of (E)-3-(2-furfurylmethylene)-2-pyrrolidone and blocks the interaction between ATG5 and TECAIR in in vitro binding assays with an IC ₅₀ of 31.24 μM.
Targets(IC50)	ATG

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4017 mL	12.0083 mL	24.0165 mL
5 mM	0.4803 mL	2.4017 mL	4.8033 mL
10 mM	0.2402 mL	1.2008 mL	2.4017 mL
50 mM	0.048 mL	0.2402 mL	0.4803 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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