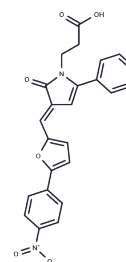


ATG5-PPI Inhibitor 12d

Chemical Properties

CAS No. : 2841473-81-0
 Formula: C₂₄H₁₈N₂O₆
 Molecular Weight: 430.41
 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 12d is an autophagy inhibitor targeting the ATG5-ATG16L1 interaction (K _d = 1.3 μM). It disrupts autophagy flux for cancer and inflammation research.
Targets(IC50)	ATG
In vitro	ATG5-PPI Inhibitor 12d reduces LC3-II levels and induces p62 accumulation, effectively blocking autophagic flux [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3234 mL	11.6168 mL	23.2337 mL
5 mM	0.4647 mL	2.3234 mL	4.6467 mL
10 mM	0.2323 mL	1.1617 mL	2.3234 mL
50 mM	0.0465 mL	0.2323 mL	0.4647 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

Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. Nat Rev Drug Discov. 2017 May;16(5):315-337.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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