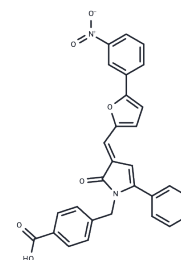


ATG5-PPI Inhibitor 17g

Chemical Properties

CAS No. :	2841473-96-7
Formula:	C ₂₉ H ₂₀ N ₂ O ₆
Molecular Weight:	492.48
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 17g is an autophagy inhibitor targeting the ATG5-ATG16L1 interaction (IC ₅₀ = 3.9 μM). It disrupts autophagy flux to inhibit vesicle expansion in cancer and inflammation research.
Targets(IC ₅₀)	ATG

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0305 mL	10.1527 mL	20.3054 mL
5 mM	0.4061 mL	2.0305 mL	4.0611 mL
10 mM	0.2031 mL	1.0153 mL	2.0305 mL
50 mM	0.0406 mL	0.2031 mL	0.4061 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

Mendes TC, et al. Antihyperalgesic effects of a novel muscarinic agonist (LASSBio-873) in spinal nerve ligation in rats. Clin Exp Pharmacol Physiol. 2013 Jul;40(7):404-11.

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