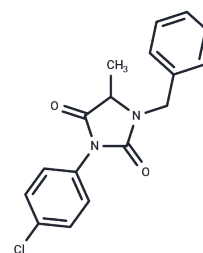


ALLO-1

Chemical Properties

CAS No. :	37468-32-9
Formula:	C ₁₇ H ₁₅ ClN ₂ O ₂
Molecular Weight:	314.77
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	ALLO-1 is a crucial autophagy receptor responsible for facilitating the formation of autophagosomes around paternal organelles. It directly interacts with the worm LC3 homologue, LGG-1, through its LC3-interacting region (LIR) motif.
Targets(IC50)	Autophagy,ATG

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1769 mL	15.8846 mL	31.7692 mL
5 mM	0.6354 mL	3.1769 mL	6.3538 mL
10 mM	0.3177 mL	1.5885 mL	3.1769 mL
50 mM	0.0635 mL	0.3177 mL	0.6354 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

Sato M, et al. The autophagy receptor ALLO-1 and the IKKE-1 kinase control clearance of paternal mitochondria in *Caenorhabditis elegans*. *Nat Cell Biol.* 2018 Jan;20(1):81-91.

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