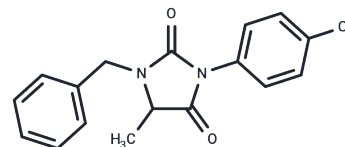


ALLO-1

Chemical Properties

CAS No. : 37468-32-9
Formula: C₁₇H₁₅ClN₂O₂
Molecular Weight: 314.77
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



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

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.

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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