

ATG16L1 stabilizer-1

Chemical Properties

CAS No. :

Formula: C45H62N14O5S

Molecular Weight: 911.13

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	ATG16L1 stabilizer-1 (compound A3B) is an FKBP12-independent stabilizer of ATG16L1 that enhances cellular autophagy (Autophagy). Regardless of the presence of FKBP12, it has an inhibitory EC50 value of 12.1 μ M for ATG16L1. When used alone, ATG16L1 stabilizer-1 can induce GFP-LC3 puncta formation, with an EC50 value of 12.0 μ M.
Targets(IC50)	Autophagy

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0975 mL	5.4877 mL	10.9754 mL
5 mM	0.2195 mL	1.0975 mL	2.1951 mL
10 mM	0.1098 mL	0.5488 mL	1.0975 mL
50 mM	0.022 mL	0.1098 mL	0.2195 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.

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