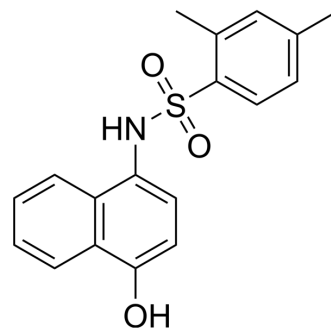


ATG12-ATG3 inhibitor 1

Cat. No.:	HY-156966		
CAS No.:	333351-38-5		
Molecular Formula:	C ₁₈ H ₁₇ NO ₃ S		
Molecular Weight:	327.4		
Target:	Autophagy		
Pathway:	Autophagy		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 250 mg/mL (763.59 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.0544 mL	15.2718 mL	30.5437 mL
	5 mM	0.6109 mL	3.0544 mL	6.1087 mL
	10 mM	0.3054 mL	1.5272 mL	3.0544 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

ATG12-ATG3 inhibitor 1 (compound 189) is a potent inhibitor of autophagy^[1].

REFERENCES

[1]. Gal Chaim Nuta, et al. Identifying a selective inhibitor of autophagy that targets ATG12-ATG3 protein-protein interaction. *Autophagy*. 2023 Aug;19(8):2372-2385.

Caution: Product has not been fully validated for medical applications. For research use only.

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