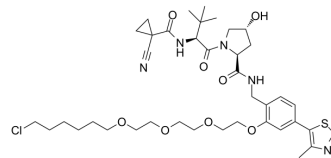


HaloPROTAC-E

Cat. No.:	HY-145752		
CAS No.:	2365478-58-4		
Molecular Formula:	C ₃₉ H ₅₆ ClN ₅ O ₈ S		
Molecular Weight:	790.41		
Target:	SGK; Autophagy		
Pathway:	Metabolic Enzyme/Protease; Autophagy		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (126.52 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
			10 mg	
Preparing Stock Solutions	1 mM	1.2652 mL	6.3258 mL	12.6517 mL
	5 mM	0.2530 mL	1.2652 mL	2.5303 mL
	10 mM	0.1265 mL	0.6326 mL	1.2652 mL
Please refer to the solubility information to select the appropriate solvent.				
In Vivo	<p>1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (3.16 mM); Clear solution</p> <p>2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (3.16 mM); Clear solution</p>			

BIOLOGICAL ACTIVITY

Description	HaloPROTAC-E is a novel HaloPROTAC potent degrader, inducing reversible degradation of two endosomally localized proteins, SGK3 and VPS34, with a DC ₅₀ of 3-10 nM, remarkably selective inducing only degradation of the Halo tagged endogenous VPS34 complex (VPS34, VPS15, Beclin1, and ATG14).
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CUSTOMER VALIDATION

- bioRxiv. 2023 Dec 9.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Tovell H, Testa A, Maniaci C, et al. Rapid and Reversible Knockdown of Endogenously Tagged Endosomal Proteins via an Optimized HaloPROTAC Degradator. ACS Chem Biol. 2019;14(5):882-892.

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

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