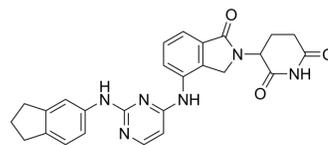


ZXH-1-161

Cat. No.:	HY-147158		
CAS No.:	2407654-51-5		
Molecular Formula:	C ₂₆ H ₂₄ N ₆ O ₃		
Molecular Weight:	468.51		
Target:	Molecular Glues; Ligands for E3 Ligase		
Pathway:	PROTAC		
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 (533.61 mM; Need ultrasonic)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	2.1344 mL	10.6721 mL	21.3443 mL	
5 mM	0.4269 mL	2.1344 mL	4.2689 mL	
10 mM	0.2134 mL	1.0672 mL	2.1344 mL	

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

BIOLOGICAL ACTIVITY

Description

ZXH-1-161 is a potent cereblon (CRBN) modulator with an IC₅₀ value of 39 nM in MM1.S wild type cells. ZXH-1-161 has selective degradation activity towards GSPT1. ZXH-1-161 can be used for researching multiple myeloma^[1].

IC₅₀ & Target

IC₅₀: 39 μM in MM1.S wild type cells^[1]

REFERENCES

[1]. Powell CE, et al. Selective Degradation of GSPT1 by Cereblon Modulators Identified via a Focused Combinatorial Library. ACS Chem Biol. 2020 Oct 16;15(10):2722-2730.

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

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