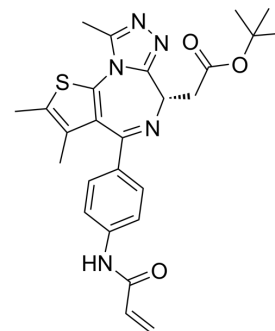


MMH1

Cat. No.:	HY-156827		
Molecular Formula:	C ₂₆ H ₂₉ N ₅ O ₃ S		
Molecular Weight:	492		
Target:	Others		
Pathway:	Others		
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 : 100 mg/mL (203.25 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
		Concentration				
		1 mM		2.0325 mL	10.1626 mL	20.3252 mL
		5 mM		0.4065 mL	2.0325 mL	4.0650 mL
10 mM		0.2033 mL	1.0163 mL	2.0325 mL		
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: 2.5 mg/mL (5.08 mM); Clear solution; Need ultrasonic					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (5.08 mM); Clear solution; Need ultrasonic					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: 2.5 mg/mL (5.08 mM); Clear solution; Need ultrasonic					

BIOLOGICAL ACTIVITY

Description	MMH1 is a novel BRD4 molecular glue degrader that functions by recruiting the CUL4 and DCAF16 ligases to the second bromodomain of BRD4 (BRD4 _{BD2}) ^[1] .
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REFERENCES

[1]. Yen-Der Li, et al. Template-assisted covalent modification of DCAF16 underlies activity of BRD4 molecular glue degraders. bioRxiv. 2023 Feb 15:2023.02.14.528208.

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

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