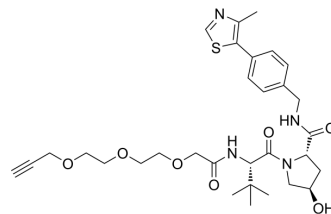


VH032-PEG3-acetylene

Cat. No.:	HY-128767		
CAS No.:	2098799-80-3		
Molecular Formula:	C ₃₁ H ₄₂ N ₄ O ₇ S		
Molecular Weight:	614.75		
Target:	E3 Ligase Ligand-Linker Conjugates		
Pathway:	PROTAC		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (81.33 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	Preparing Stock Solutions		1 mg	5 mg	10 mg
		1 mM	1.6267 mL	8.1334 mL	16.2668 mL
		5 mM	0.3253 mL	1.6267 mL	3.2534 mL
	10 mM	0.1627 mL	0.8133 mL	1.6267 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 (4.07 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (4.07 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	VH032-PEG3-acetylene is a synthesized E3 ligase ligand-linker conjugate that incorporates the VH032 based VHL ligand and a linker used in PROTAC technology ^[1] . VH032-PEG3-acetylene is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.
IC ₅₀ & Target	VHL

REFERENCES

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

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