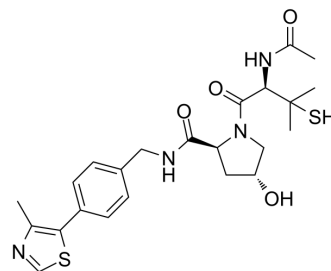


VH032 thiol

Cat. No.:	HY-111823
CAS No.:	2098836-54-3
Molecular Formula:	C ₂₃ H ₃₀ N ₄ O ₄ S ₂
Molecular Weight:	490.64
Target:	Ligands for E3 Ligase
Pathway:	PROTAC
Storage:	4°C, stored under argon * In solvent : -80°C, 6 months; -20°C, 1 month (stored under argon)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (101.91 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	2.0382 mL	10.1908 mL	20.3815 mL
				5 mM	0.4076 mL	2.0382 mL	4.0763 mL
				10 mM	0.2038 mL	1.0191 mL	2.0382 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: ≥ 4.55 mg/mL (9.27 mM); Clear solution						
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (5.10 mM); Clear solution						
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (5.10 mM); Clear solution						

BIOLOGICAL ACTIVITY

Description	VH032 thiol (VHL ligand 6) is a VHL ligand, which binds to pan-BET inhibitor JQ1 via a linker to form PROTAC ^[1] .
IC ₅₀ & Target	VHL

REFERENCES

[1]. Gadd MS, et al. Structural basis of PROTAC cooperative recognition for selective protein degradation. Nat Chem Biol. 2017 May;13(5):514-521.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA