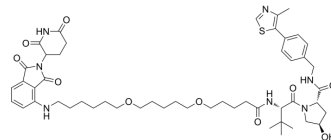


CRBN-6-5-5-VHL

Cat. No.:	HY-136262
CAS No.:	2362575-45-7
Molecular Formula:	C ₅₁ H ₆₉ N ₇ O ₁₀ S
Molecular Weight:	972.2
Target:	PROTACs
Pathway:	PROTAC
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 113.33 mg/mL (116.57 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.0286 mL	5.1430 mL	10.2859 mL
	5 mM	0.2057 mL	1.0286 mL	2.0572 mL
	10 mM	0.1029 mL	0.5143 mL	1.0286 mL

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

BIOLOGICAL ACTIVITY

Description

CRBN-6-5-5-VHL is a potent and selective von Hippel-Lindau-based cereblon (CRBN) degrader with a DC₅₀ value of 1.5 nM. CRBN-6-5-5-VHL has almost no effect on the degradation of the neo-substrates IKZF1 and IKZF3^[1].

IC₅₀ & Target

Cereblon
1.5 nM (DC50)

REFERENCES

[1]. Christian Steinebach, et al. PROTAC-mediated crosstalk between E3 ligases. Chem Commun (Camb). 2019 Feb 5;55(12):1821-1824.

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

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