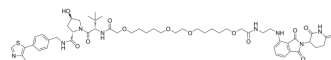


## PROTAC CRBN Degrader-1

Cat. No.:	HY-128845
CAS No.:	2358775-70-7
Molecular Formula:	C <sub>53</sub> H <sub>72</sub> N <sub>8</sub> O <sub>13</sub> S
Molecular Weight:	1061.25
Target:	PROTACS
Pathway:	PROTAC
Storage:	4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (94.23 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	0.9423 mL	4.7114 mL	9.4229 mL
				5 mM	0.1885 mL	0.9423 mL	1.8846 mL
				10 mM	0.0942 mL	0.4711 mL	0.9423 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: ≥ 5 mg/mL (4.71 mM); Clear solution						
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 5 mg/mL (4.71 mM); Suspended solution; Need ultrasonic						
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 5 mg/mL (4.71 mM); Clear solution						

### BIOLOGICAL ACTIVITY

Description	PROTAC CRBN Degrader-1 comprises a cereblon (CRBN) ligand binding group, a linker and an von Hippel-Landau (VHL) binding group. PROTAC CRBN Degrader-1 is an cereblon (CRBN) degrader <sup>[1]</sup> .	
IC <sub>50</sub> & Target	VHL	Cereblon

### REFERENCES

**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](mailto:tech@MedChemExpress.com)

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