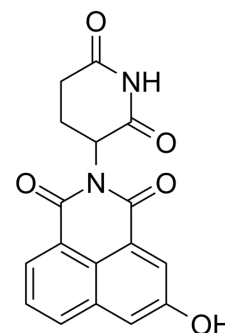


CRBN modulator-1

Cat. No.:	HY-138040		
CAS No.:	2407829-65-4		
Molecular Formula:	C ₁₇ H ₁₂ N ₂ O ₅		
Molecular Weight:	324.29		
Target:	Ligands for E3 Ligase		
Pathway:	PROTAC		
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 : 10 mg/mL (30.84 mM; ultrasonic and adjust pH to 2 with HCl)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.0837 mL	15.4183 mL	30.8366 mL
	5 mM	0.6167 mL	3.0837 mL	6.1673 mL
	10 mM	0.3084 mL	1.5418 mL	3.0837 mL

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

BIOLOGICAL ACTIVITY

Description	CRBN modulator-1, a Thalidomide analog and a CRBN modulator extracted from WO2020006262A1, compound 10, has an IC ₅₀ of 3.5 μM and a K _i of 0.98 μM ^[1] .
IC ₅₀ & Target	Cereblon

REFERENCES

[1]. Nathanael Gray, et al. New crbn modulators. WO2020006262A1.

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

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