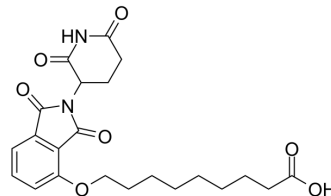


Thalidomide-O-C8-COOH

Cat. No.:	HY-130952
CAS No.:	2225148-51-4
Molecular Formula:	C ₂₂ H ₂₆ N ₂ O ₇
Molecular Weight:	430.45
Target:	Ligands for E3 Ligase
Pathway:	PROTAC
Storage:	-20°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 140 mg/mL (325.24 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.3232 mL	11.6158 mL	23.2315 mL
		5 mM	0.4646 mL	2.3232 mL	4.6463 mL
		10 mM	0.2323 mL	1.1616 mL	2.3232 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 3.5 mg/mL (8.13 mM); Clear solution 2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 3.5 mg/mL (8.13 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Thalidomide-O-C8-COOH is the Thalidomide-based Cereblon ligand used in the recruitment of CRBN protein. Thalidomide-O-C8-COOH (Cereblon ligand 3) can be connected to the ligand for protein by a linker to form PROTACs ^[1] .
IC ₅₀ & Target	Cereblon

REFERENCES

[1]. Nathanael S. Gray, et al. Degradors of wee1 kinase. WO2020069105A1.

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

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