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Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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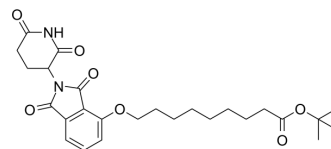
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Thalidomide-O-C8-Boc

Cat. No.:	HY-131159
CAS No.:	2225148-52-5
Molecular Formula:	C ₂₆ H ₃₄ N ₂ O ₇
Molecular Weight:	486.56
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 : 100 mg/mL (205.52 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		2.0552 mL	10.2762 mL	20.5525 mL
		5 mM		0.4110 mL	2.0552 mL	4.1105 mL
		10 mM		0.2055 mL	1.0276 mL	2.0552 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: ≥ 2.5 mg/mL (5.14 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (5.14 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (5.14 mM); Clear solution					

BIOLOGICAL ACTIVITY

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

REFERENCES

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

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