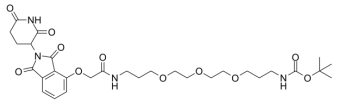
Thalidomide-O-amido-CH2-PEG3-CH2-NH-Boc

Cat. No.:	HY-145177
CAS No.:	1799711-31-1
Molecular Formula:	$C_{30}H_{42}N_4O_{11}$
Molecular Weight:	634.67
Target:	E3 Ligase Ligand-Linker Conjugates
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 : 100 mg/mL (157.56 mM; Need ultrasonic)

Preparing Stock Solutions

Solvent / Mass / Concentration	1 mg	5 mg	10 mg
1 mM	1.5756 mL	7.8781 mL	15.7562 mL
5 mM	0.3151 mL	1.5756 mL	3.1512 mL
10 mM	0.1576 mL	0.7878 mL	1.5756 mL

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

BIOLOGICAL ACTIVITY

Description

Thalidomide-O-amido-CH2-PEG3-CH2-NH-Boc is a synthesized E3 ligase ligand-linker conjugate. Thalidomide-O-amido-CH2-PEG3-CH2-NH-Boc incorporates the Thalidomide based cereblon ligand and a linker. Thalidomide-O-amido-CH2-PEG3-CH2-NH-Boc can be used for the synthesis of PROTAC BET degrader[1]. (From patent WO2017180417A1 compound s7).

IC_{50} & Target

Cereblon

REFERENCES

[1]. Shaomeng Wang, et al. Bet protein degraders. WO2017180417A1.

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

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