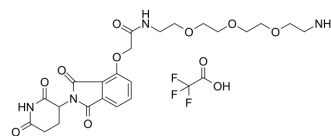


Thalidomide-O-amido-PEG3-C2-NH2 TFA

Cat. No.:	HY-103611
CAS No.:	1957236-21-3
Molecular Formula:	C ₂₅ H ₃₁ F ₃ N ₄ O ₁₁
Molecular Weight:	620.53
Target:	E3 Ligase Ligand-Linker Conjugates
Pathway:	PROTAC
Storage:	4°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 : 50 mg/mL (80.58 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.6115 mL	8.0576 mL	16.1153 mL
	5 mM	0.3223 mL	1.6115 mL	3.2231 mL
	10 mM	0.1612 mL	0.8058 mL	1.6115 mL

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

BIOLOGICAL ACTIVITY

Description

Thalidomide-O-amido-PEG3-C2-NH2 TFA is a synthesized E3 ligase ligand-linker conjugate that incorporates the Thalidomide based cereblon ligand and 3-unit PEG linker used in PROTAC technology.

IC₅₀ & Target

Cereblon

REFERENCES

[1]. BRADNER, James, et al. METHODS TO INDUCE TARGETED PROTEIN DEGRADATION THROUGH BIFUNCTIONAL MOLECULES. WO2017024317A2.

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

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