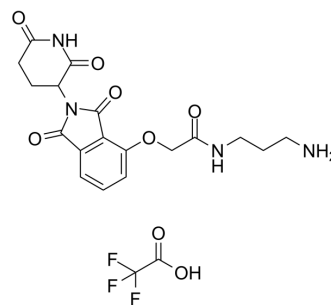


Thalidomide-O-amido-C3-NH₂ TFA

Cat. No.:	HY-115560A
CAS No.:	2022182-58-5
Molecular Formula:	C ₂₀ H ₂₁ F ₃ N ₄ O ₈
Molecular Weight:	502.4
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 : 125 mg/mL (248.81 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
		Concentration				
		1 mM		1.9904 mL	9.9522 mL	19.9045 mL
		5 mM		0.3981 mL	1.9904 mL	3.9809 mL
10 mM		0.1990 mL	0.9952 mL	1.9904 mL		
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.08 mg/mL (4.14 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (4.14 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (4.14 mM); Clear solution 					

BIOLOGICAL ACTIVITY

Description	Thalidomide-O-amido-C3-NH ₂ TFA is a synthesized E3 ligase ligand-linker conjugate that incorporates the Thalidomide based cereblon ligand and a linker used in PROTAC technology.
IC₅₀ & Target	Cereblon

REFERENCES

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

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