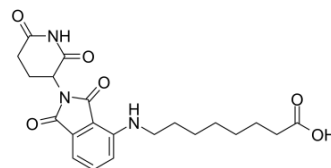


Pomalidomide-C7-COOH

Cat. No.:	HY-133799		
CAS No.:	2225940-51-0		
Molecular Formula:	C ₂₁ H ₂₅ N ₃ O ₆		
Molecular Weight:	415.44		
Target:	E3 Ligase Ligand-Linker Conjugate		
Pathway:	PROTAC		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (120.35 mM; Need ultrasonic)
 H₂O : < 0.1 mg/mL (insoluble)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.4071 mL	12.0354 mL	24.0709 mL
	5 mM	0.4814 mL	2.4071 mL	4.8142 mL
	10 mM	0.2407 mL	1.2035 mL	2.4071 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
 Solubility: 2.5 mg/mL (6.02 mM); Suspended solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
 Solubility: 2.5 mg/mL (6.02 mM); Suspended solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description

Pomalidomide-C7-COOH is a synthesized E3 ligase cereblon ligand-linker conjugate. Pomalidomide-C7-COOH is an intermediate for the synthesis of PROTAC BCL-XL degraders^[1].

IC₅₀ & Target

Cereblon

REFERENCES

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

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