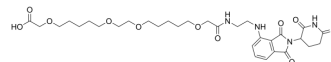


Pomalidomide-C2-amido-(C1-O-C5-O-C1)2-COOH

Cat. No.:	HY-128848
CAS No.:	2351103-63-2
Molecular Formula:	C ₃₁ H ₄₄ N ₄ O ₁₁
Molecular Weight:	648.7
Target:	E3 Ligase Ligand-Linker Conjugates
Pathway:	PROTAC
Storage:	4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 55 mg/mL (84.78 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1 mg	5 mg	10 mg
	1 mM		1.5415 mL	7.7077 mL	15.4154 mL
	5 mM		0.3083 mL	1.5415 mL	3.0831 mL
	10 mM		0.1542 mL	0.7708 mL	1.5415 mL

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

BIOLOGICAL ACTIVITY

Description

Pomalidomide-C2-amido-(C1-O-C5-O-C1)2-COOH is a synthesized E3 ligase ligand-linker conjugate that incorporates the Pomalidomide based cereblon ligand and a linker used in PROTAC technology.

IC₅₀ & Target

Cereblon

REFERENCES

[1]. Zhou B, et al. Discovery of a Small-Molecule Degradator of Bromodomain and Extra-Terminal (BET) Proteins with Picomolar Cellular Potencies and Capable of Achieving Tumor Regression. *J Med Chem.* 2018 Jan 25;61(2):462-481.

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

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