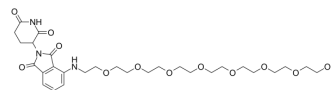


## Pom-8PEG

<b>Cat. No.:</b>	HY-132288
<b>CAS No.:</b>	2488761-03-9
<b>Molecular Formula:</b>	C <sub>29</sub> H <sub>43</sub> N <sub>3</sub> O <sub>12</sub>
<b>Molecular Weight:</b>	625.66
<b>Target:</b>	E3 Ligase Ligand-Linker Conjugates
<b>Pathway:</b>	PROTAC
<b>Storage:</b>	-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 (159.83 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.5983 mL	7.9916 mL	15.9831 mL
	5 mM	0.3197 mL	1.5983 mL	3.1966 mL
	10 mM	0.1598 mL	0.7992 mL	1.5983 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Pom-8PEG, an E3 ligase ligand-linker conjugate, incorporates a cereblon (CRBN) ligand for the E3 ubiquitin ligase and an 8-unit PEG linker. Pom-8PEG can be used in the synthesis of PROTAC, such as IDO1 PROTAC degrader<sup>[1]</sup>.

#### IC<sub>50</sub> & Target

Cereblon

### REFERENCES

[1]. Hu M, et al. Discovery of the first potent proteolysis targeting chimera (PROTAC) degrader of indoleamine 2,3-dioxygenase 1. Acta Pharm Sin B. 2020;10(10):1943-1953.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA