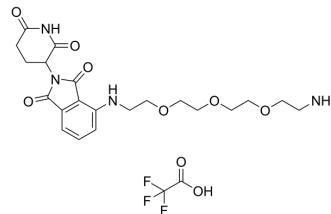


## Pomalidomide-PEG3-C2-NH2 TFA

<b>Cat. No.:</b>	HY-128716A
<b>CAS No.:</b>	2414913-97-4
<b>Molecular Formula:</b>	C <sub>23</sub> H <sub>29</sub> F <sub>3</sub> N <sub>4</sub> O <sub>9</sub>
<b>Molecular Weight:</b>	562.49
<b>Target:</b>	E3 Ligase Ligand-Linker Conjugates
<b>Pathway:</b>	PROTAC
<b>Storage:</b>	4°C, stored under nitrogen, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen, away from moisture)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (177.78 mM; Need ultrasonic)  
 Ethanol : 100 mg/mL (177.78 mM; Need ultrasonic)  
 H<sub>2</sub>O : 16.67 mg/mL (29.64 mM; Need ultrasonic)

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.7778 mL	8.8890 mL	17.7781 mL
	5 mM	0.3556 mL	1.7778 mL	3.5556 mL
	10 mM	0.1778 mL	0.8889 mL	1.7778 mL

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

#### In Vivo

- Add each solvent one by one: PBS  
Solubility: 33.33 mg/mL (59.25 mM); Clear solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline  
Solubility: ≥ 2.5 mg/mL (4.44 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)  
Solubility: ≥ 2.5 mg/mL (4.44 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 2.5 mg/mL (4.44 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

Pomalidomide-PEG3-C2-NH2 TFA (Cereblon Ligand-Linker Conjugates 5 (TFA)) is a synthetic E3 ligase ligand-linker conjugate comprising a [Pomalidomide](#) (HY-10984)-based cereblon ligand and a 3-unit PEG linker. Pomalidomide-PEG3-C2-NH2 TFA can be used for the synthesis of PROTACs<sup>[1]</sup>.

---

**REFERENCES**

[1]. Li Y, et al. Discovery of MD-224 as a First-in-Class, Highly Potent, and Efficacious Proteolysis Targeting Chimera Murine Double Minute 2 Degradable Capable of Achieving Complete and Durable Tumor Regression. J Med Chem. 2019 Jan 24;62(2):448-466.

---

**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