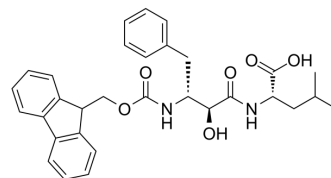


## E3 ligase Ligand 8

Cat. No.:	HY-43961
CAS No.:	1225383-33-4
Molecular Formula:	C <sub>31</sub> H <sub>34</sub> N <sub>2</sub> O <sub>6</sub>
Molecular Weight:	530.61
Target:	Ligands for E3 Ligase
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 : 100 mg/mL (188.46 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	1.8846 mL	9.4231 mL	18.8462 mL
				5 mM	0.3769 mL	1.8846 mL	3.7692 mL
				10 mM	0.1885 mL	0.9423 mL	1.8846 mL
Please refer to the solubility information to select the appropriate solvent.							
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (4.71 mM); Clear solution						

### BIOLOGICAL ACTIVITY

Description	E3 ligase Ligand 8 is a ligand for E3 ubiquitin ligase. E3 ligase Ligand 8 can be connected to the ligand for protein by a linker to form PROTACs. PROTACs are inducers of ubiquitination-mediated degradation of cancer-promoting proteins <sup>[1]</sup> .
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### CUSTOMER VALIDATION

- Genes Genomics. 2022 Mar 30.
- Stem Cell Rev Rep. 2021 Dec 9.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

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## REFERENCES

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[1]. Shibata N, et al. Development of Protein Degradation Inducers of Androgen Receptor by Conjugation of Androgen Receptor Ligands and Inhibitor of Apoptosis Protein Ligands. J Med Chem. 2018 Jan 25;61(2):543-575.

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

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