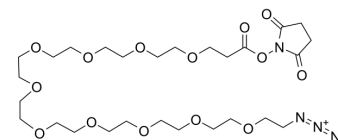


## Azido-PEG10-NHS ester

Cat. No.:	HY-140759	
CAS No.:	2801772-86-9	
Molecular Formula:	C <sub>27</sub> H <sub>48</sub> N <sub>4</sub> O <sub>14</sub>	
Molecular Weight:	652.69	
Target:	PROTAC Linkers	
Pathway:	PROTAC	
Storage:	Pure form	-20°C 3 years
	In solvent	-80°C 6 months
		-20°C 1 month



### BIOLOGICAL ACTIVITY

<b>Description</b>	Azido-PEG10-NHS ester is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs <sup>[1]</sup> . Azido-PEG10-NHS ester is a click chemistry reagent, it contains an Azide group and can undergo copper-catalyzed azide-alkyne cycloaddition reaction (CuAAC) with molecules containing Alkyne groups. Strain-promoted alkyne-azide cycloaddition (SPAAC) can also occur with molecules containing DBCO or BCN groups.	
<b>IC<sub>50</sub> &amp; Target</b>	PEGs	Alkyl/ether
<b>In Vitro</b>	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	

### REFERENCES

[1]. An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. *EBioMedicine*. 2018 Oct;36:553-562

**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

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