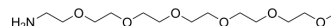


## m-PEG6-Amine

Cat. No.:	HY-130408
CAS No.:	184357-46-8
Molecular Formula:	C <sub>13</sub> H <sub>29</sub> NO <sub>6</sub>
Molecular Weight:	295.37
Target:	ADC Linker; PROTAC Linkers
Pathway:	Antibody-drug Conjugate/ADC Related; PROTAC
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### BIOLOGICAL ACTIVITY

Description	m-PEG6-Amine is a PEG-based PROTAC linker can be used in the synthesis of PROTACs. m-PEG6-Amine is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs) <sup>[1]</sup> .	
IC <sub>50</sub> & Target	Cleavable Linker	PEGs
In Vitro	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. ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker. MCE has not independently confirmed the accuracy of these methods. They are for reference only.	

### REFERENCES

- [1]. Hervé Bouchard, et al. Peptidic linkers and cryptophycin conjugates, useful in therapy, and their preparation. WO2018206635A1.
- [2]. Austin G Wardrip, et al. Length-Independent Charge Transport in Chimeric Molecular Wires. Angew Chem Int Ed Engl. 2016 Nov 7;55(46):14267-14271.

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

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