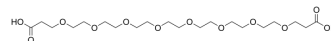


Bis-PEG8-acid

Cat. No.:	HY-126893		
CAS No.:	1246189-43-4		
Molecular Formula:	C ₂₀ H ₃₈ O ₁₂		
Molecular Weight:	470.51		
Target:	PROTAC Linkers; ADC Linker		
Pathway:	PROTAC; Antibody-drug Conjugate/ADC Related		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	Bis-PEG8-acid is a PEG-based PROTAC linker can be used in the synthesis of PROTACs. Bis-PEG8-acid is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs) ^[1] .		
IC ₅₀ & Target	PEGs	Cleavable	
In Vitro	<p>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.</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>		

REFERENCES

[1]. Gregory Slobodkin, et al. Polyamine derivatives. WO2010108108A2

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

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