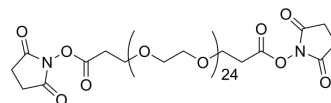


Bis-PEG25-NHS ester

Cat. No.:	HY-130828
CAS No.:	2221948-96-3
Molecular Formula:	C ₆₂ H ₁₁₂ N ₂ O ₃₃
Molecular Weight:	1414
Target:	ADC Linker; PROTAC Linkers
Pathway:	Antibody-drug Conjugate/ADC Related; PROTAC
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



BIOLOGICAL ACTIVITY

Description	Bis-PEG25-NHS ester is a PEG/Alkyl/ether-based PROTAC linker can be used in the synthesis of PROTACs. Bis-PEG25-NHS ester is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs) ^[1] .		
IC₅₀ & Target	PEGs	Alkyl/ether	Cleavable Linker
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]. John L. Magnani, et al. Highly potent multimeric e-selectin antagonists. WO2018068010A1

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

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