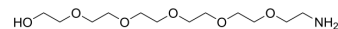


Amino-PEG6-alcohol

Cat. No.:	HY-126942	
CAS No.:	39160-70-8	
Molecular Formula:	C ₁₂ H ₂₇ NO ₆	
Molecular Weight:	281.35	
Target:	ADC Linker; PROTAC Linkers	
Pathway:	Antibody-drug Conjugate/ADC Related; PROTAC	
Storage:	Pure form	-20°C 3 years
	In solvent	-80°C 6 months
		-20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (355.43 mM)
 * "≥" means soluble, but saturation unknown.

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.5543 mL	17.7715 mL	35.5429 mL
	5 mM	0.7109 mL	3.5543 mL	7.1086 mL
	10 mM	0.3554 mL	1.7771 mL	3.5543 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description	Amino-PEG6-alcohol is a non-cleavable 6 unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs). Amino-PEG6-alcohol is also a PEG-based PROTAC linker that can be used in the synthesis of PROTACs ^[1] .	
IC ₅₀ & Target	Non-cleavable Linker	PEGs
In Vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker. 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. MCE has not independently confirmed the accuracy of these methods. They are for reference only.	

REFERENCES

[1]. Yong Zu Kim, et al. Antibody-drug conjugates comprising branched linkers and methods related thereto. WO2017089895A1.

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

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