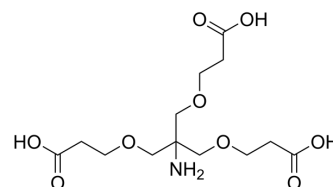


Amino-Tri-(carboxyethoxymethyl)-methane

Cat. No.:	HY-117519
CAS No.:	174362-95-9
Molecular Formula:	C ₁₃ H ₂₃ NO ₉
Molecular Weight:	337.32
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	Amino-Tri-(carboxyethoxymethyl)-methane is a cleavable PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs) ^[1] . Amino-Tri-(carboxyethoxymethyl)-methane is also a PEG-based PROTAC linker that can be used in the synthesis of PROTACs ^[2] .	
IC₅₀ & Target	PEGs	Cleavable Linker
In Vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker ^[1] . 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 ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	

REFERENCES

[1]. Markus Ribbert, et al. Self coupling recombinant antibody fusion proteins. WO2009013359A2.

[2]. David Margulies, et al. Fluorescent molecular sensor for targeting changes in protein surfaces, and methods of use thereof. WO2015166491A2.

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

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