



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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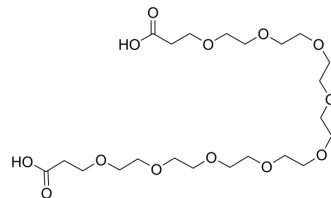
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Bis-PEG9-acid

Cat. No.:	HY-126894		
CAS No.:	1268488-70-5		
Molecular Formula:	C ₂₂ H ₄₂ O ₁₃		
Molecular Weight:	514.56		
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- PEG9- acid is a PEG-based PROTAC linker can be used in the synthesis of PROTACs. Bis- PEG9- acid is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs).	
IC₅₀ & Target	PEGs	Cleavable
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]. Bach A, et al. Design and synthesis of highly potent and plasma-stable dimeric inhibitors of the PSD-95-NMDA receptor interaction. *Angew Chem Int Ed Engl.* 2009;48(51):9685-9.
- [2]. Norbert Basler, et al. Nucleoside-triphosphate conjugate and methods for the use thereof. WO2012150035A1.

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

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