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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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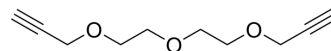
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Bis-propargyl-PEG2

Cat. No.:	HY-133191		
CAS No.:	126422-57-9		
Molecular Formula:	C ₁₀ H ₁₄ O ₃		
Molecular Weight:	182.22		
Target:	PROTAC Linkers		
Pathway:	PROTAC		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	Bis-propargyl-PEG2 is a PEG-based PROTAC linker can be used in the synthesis of PROTACs. Bis-propargyl-PEG2 is used for the synthesis of demethylvancomycin dimers ^{[1][2]} . Bis-propargyl-PEG2 is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.
IC₅₀ & Target	PEGs
In Vitro	Bis-propargyl-PEG2 can be used in the synthesis of demethylvancomycin dimers against vancomycin-resistant enterococcus faecalis ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Shenoi RA, et al. Synthesis, characterization, and biocompatibility of biodegradable hyperbranched polyglycerols from acid-cleavable ketal group functionalized initiators. *Biomacromolecules*. 2012 Oct 8;13(10):3018-30.

[2]. Jiang, et al. Design, synthesis and biological activity of novel demethylvancomycin dimers against vancomycin-resistant enterococcus faecalis. *Tetrahedron*, 2018; 74(27), 3527–3533.

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

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