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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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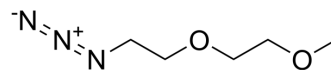
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m-PEG2-azide

Cat. No.:	HY-130578		
CAS No.:	215181-61-6		
Molecular Formula:	C ₅ H ₁₁ N ₃ O ₂		
Molecular Weight:	145.16		
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

m-PEG2-azide is a PEG-based PROTAC linker can be used in the synthesis of PROTACs. m-PEG2-azide is a click chemistry reagent, it contains an Azide group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Alkyne groups. Strain-promoted alkyne-azide cycloaddition (SPAAC) can also occur with molecules containing DBCO or BCN groups.

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. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Lepage ML, et al. Design, synthesis and photochemical properties of the first examples of iminosugar clusters based on fluorescent cores. Beilstein J Org Chem. 2015 May 6;11:659-67.

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

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