



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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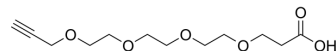
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Propargyl-PEG4-acid

Cat. No.:	HY-130481		
CAS No.:	1415800-32-6		
Molecular Formula:	C ₁₂ H ₂₀ O ₆		
Molecular Weight:	260.28		
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



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (192.10 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.8420 mL	19.2101 mL	38.4202 mL
	5 mM	0.7684 mL	3.8420 mL	7.6840 mL
	10 mM	0.3842 mL	1.9210 mL	3.8420 mL

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

BIOLOGICAL ACTIVITY

Description

Propargyl-PEG4-acid is a PEG-based PROTAC linker can be used in the synthesis of BTK-IAP PROTACs Ibrutinib (HY-10997)-based PROTAC 2 and an analogue PROTAC 3. PROTAC 3 causes BTK degradation with a DC₅₀ of 200 nM in THP-1 cells^[1]. Propargyl-PEG4-acid 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

BTK-IAP PROTACs act as stoichiometric degraders, resulting in degradation of BTK protein. Degradation of BTK is a result of IAP E3 ligases family recruitment^[1].
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

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

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