



# SZABO SCANDIC

Part of Europa Biosite

## 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

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

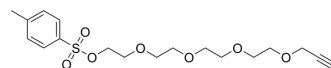
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Propargyl-PEG4-Tos

<b>Cat. No.:</b>	HY-130387		
<b>CAS No.:</b>	875770-32-4		
<b>Molecular Formula:</b>	C <sub>18</sub> H <sub>26</sub> O <sub>7</sub> S		
<b>Molecular Weight:</b>	386.46		
<b>Target:</b>	PROTAC Linkers; ADC Linker		
<b>Pathway:</b>	PROTAC; Antibody-drug Conjugate/ADC Related		
<b>Storage:</b>	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

<b>Description</b>	Propargyl-PEG4-Tos is a PEG-based PROTAC linker can be used in the synthesis of PROTACs. Propargyl-PEG4-Tos is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs) <sup>[1][2]</sup> . Propargyl-PEG4-Tos is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.	
<b>IC<sub>50</sub> &amp; Target</b>	PEGs	Cleavable Linker
<b>In Vitro</b>	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]. Wurz RP, et al. A "Click Chemistry Platform" for the Rapid Synthesis of Bispecific Molecules for Inducing Protein Degradation. *J Med Chem.* 2018 Jan 25;61(2):453-461.
- [2]. Senthilkumar T, et al. Conjugated Polymer Nanoparticles with Appended Photo-Responsive Units for Controlled Drug Delivery, Release, and Imaging. *Angew Chem Int Ed Engl.* 2018 Oct 1;57(40):13114-13119.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA