



# 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

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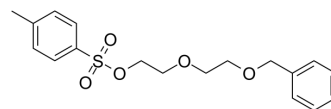
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## Benzyl-PEG2-Tos

Cat. No.:	HY-W043841		
CAS No.:	98627-22-6		
Molecular Formula:	C <sub>18</sub> H <sub>22</sub> O <sub>5</sub> S		
Molecular Weight:	350.43		
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 : ≥ 100 mg/mL (285.36 mM)  
 \* "≥" means soluble, but saturation unknown.

	Solvent		1 mg	5 mg	10 mg
	Concentration	Mass			
Preparing Stock Solutions	1 mM		2.8536 mL	14.2682 mL	28.5364 mL
	5 mM		0.5707 mL	2.8536 mL	5.7073 mL
	10 mM		0.2854 mL	1.4268 mL	2.8536 mL

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

### BIOLOGICAL ACTIVITY

Description	Benzyl-PEG2-Tos is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs <sup>[1]</sup> .
IC <sub>50</sub> & Target	PEGs
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 <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. *EBioMedicine*. 2018 Oct;36:553-562

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

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