



# 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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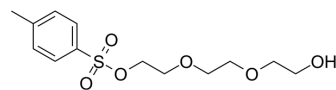
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## Tos-PEG3

<b>Cat. No.:</b>	HY-23408		
<b>CAS No.:</b>	77544-68-4		
<b>Molecular Formula:</b>	C <sub>13</sub> H <sub>20</sub> O <sub>6</sub> S		
<b>Molecular Weight:</b>	304.36		
<b>Target:</b>	PROTAC Linkers		
<b>Pathway:</b>	PROTAC		
<b>Storage:</b>	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

Ethanol : 100 mg/mL (328.56 mM; Need ultrasonic)  
 DMSO : 100 mg/mL (328.56 mM; Need ultrasonic and warming)  
 H<sub>2</sub>O : 10 mg/mL (32.86 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	3.2856 mL	16.4279 mL	32.8558 mL
	5 mM	0.6571 mL	3.2856 mL	6.5712 mL
	10 mM	0.3286 mL	1.6428 mL	3.2856 mL

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

#### In Vivo

1. Add each solvent one by one: PBS  
 Solubility: 16.67 mg/mL (54.77 mM); Clear solution; Need ultrasonic

### BIOLOGICAL ACTIVITY

#### Description

Tos-PEG3 is a PEG-based PROTAC linker can be used in the synthesis of PROTACs. Tos-PEG3 (structure 1) can be used for the synthesis of 3'-aminoxy oligonucleotides solid supports<sup>[1]</sup>.

#### 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

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[1]. Noël M, et al. Solid Supports for the Synthesis of 3'-Aminoxy- or Ribo-oligonucleotides and Their 3'-Conjugation by Oxime Ligation. J Org Chem. 2019 Nov 15;84(22):14854-14860.

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

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