



# 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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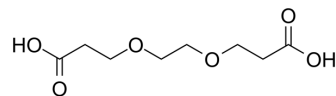
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## Bis-PEG2-acid

Cat. No.:	HY-112559		
CAS No.:	19364-66-0		
Molecular Formula:	C <sub>8</sub> H <sub>14</sub> O <sub>6</sub>		
Molecular Weight:	206.19		
Target:	PROTAC Linkers		
Pathway:	PROTAC		
Storage:	Powder	-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 (484.99 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.8499 mL	24.2495 mL	48.4990 mL
	5 mM	0.9700 mL	4.8499 mL	9.6998 mL
	10 mM	0.4850 mL	2.4249 mL	4.8499 mL

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

### BIOLOGICAL ACTIVITY

Description	Bis-PEG2-acid is a PEG-based PROTAC linker 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. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Zhao Q, et al. Discovery of SIAIS178 as an Effective BCR-ABL Degradator by Recruiting Von Hippel-Lindau (VHL) E3 Ubiquitin Ligase. J Med Chem. 2019 Oct 24;62(20):9281-9298.

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

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