



# 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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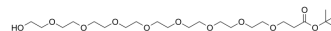
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## Hydroxy-PEG8-Boc

Cat. No.:	HY-130662
CAS No.:	1334177-84-2
Molecular Formula:	C <sub>23</sub> H <sub>46</sub> O <sub>11</sub>
Molecular Weight:	498.6
Target:	PROTAC Linkers
Pathway:	PROTAC
Storage:	4°C, stored under nitrogen, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen, away from moisture)



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 200 mg/mL (401.12 mM; Need ultrasonic)					
		Solvent Concentration	Mass			
	Preparing Stock Solutions			1 mg	5 mg	10 mg
		1 mM		2.0056 mL	10.0281 mL	20.0562 mL
		5 mM		0.4011 mL	2.0056 mL	4.0112 mL
	10 mM		0.2006 mL	1.0028 mL	2.0056 mL	
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	<ol style="list-style-type: none"> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 40% PEG300 &gt;&gt; 5% Tween-80 &gt;&gt; 45% saline Solubility: ≥ 5 mg/mL (10.03 mM); Clear solution</li> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 90% (20% SBE-β-CD in saline) Solubility: ≥ 5 mg/mL (10.03 mM); Clear solution</li> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 90% corn oil Solubility: ≥ 5 mg/mL (10.03 mM); Clear solution</li> </ol>					

### BIOLOGICAL ACTIVITY

Description	Hydroxy-PEG8-Boc is a PEG-based PROTAC linker can be used in the synthesis of PROTACs.
IC <sub>50</sub> & Target	PEGs
In Vitro	<p>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.</p> <p>PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins.</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>

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

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