



# 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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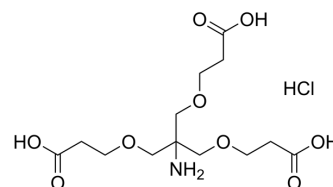
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## Amino-Tri-(carboxyethoxymethyl)-methane hydrochloride

<b>Cat. No.:</b>	HY-117519A
<b>CAS No.:</b>	1416771-72-6
<b>Molecular Formula:</b>	C <sub>13</sub> H <sub>24</sub> ClNO <sub>9</sub>
<b>Molecular Weight:</b>	373.78
<b>Target:</b>	ADC Linker; PROTAC Linkers
<b>Pathway:</b>	Antibody-drug Conjugate/ADC Related; PROTAC
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (267.54 mM; Need ultrasonic)

Concentration	Solvent	Mass	1 mg	5 mg	10 mg
			Preparing Stock Solutions	1 mM	5 mM
1 mM			2.6754 mL	13.3769 mL	26.7537 mL
5 mM			0.5351 mL	2.6754 mL	5.3507 mL
10 mM			0.2675 mL	1.3377 mL	2.6754 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Amino-Tri-(carboxyethoxymethyl)-methane hydrochloride is a cleavable PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs). Amino-Tri-(carboxyethoxymethyl)-methane hydrochloride is also a PEG-based PROTAC linker that can be used in the synthesis of PROTACs<sup>[1][2]</sup>.

#### In Vitro

ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker<sup>[1]</sup>. 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>[2]</sup>. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Markus Ribbert, et al. Self coupling recombinant antibody fusion proteins. WO2009013359A2.

[2]. David Margulies, et al. Fluorescent molecular sensor for targeting changes in protein surfaces, and methods of use thereof. WO2015166491A2.

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

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