



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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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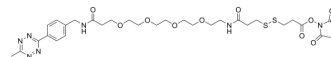
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## Methyltetrazine-PEG4-SS-NHS ester

Cat. No.:	HY-133466		
Molecular Formula:	C <sub>31</sub> H <sub>43</sub> N <sub>7</sub> O <sub>10</sub> S <sub>2</sub>		
Molecular Weight:	737.84		
Target:	ADC Linker		
Pathway:	Antibody-drug Conjugate/ADC Related		
Storage:	Pure form	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

Description	Methyltetrazine-PEG4-SS-NHS ester is a cleavable 4 unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs) <sup>[1]</sup> . Methyltetrazine-PEG4-SS-NHS ester is a click chemistry reagent, it contains a Tetrazine group that can undergo an inverse electron demand Diels-Alder reaction (IEDDA) with molecules containing TCO groups.	
IC <sub>50</sub> & Target	Disulfide Cleavable Linker	Cleavable Linker
In Vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	

### REFERENCES

[1]. Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. Nat Rev Drug Discov. 2017 May;16(5):315-337.

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

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