



# 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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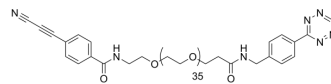
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## APN-PEG36-tetrazine

Cat. No.:	HY-139859
Molecular Formula:	C <sub>94</sub> H <sub>161</sub> N <sub>7</sub> O <sub>38</sub>
Molecular Weight:	1997.3
Target:	ADC Linker
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	-20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (50.07 mM); ultrasonic and warming and heat to 60°C

Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
	Concentration				
	1 mM		0.5007 mL	2.5034 mL	5.0068 mL
	5 mM		0.1001 mL	0.5007 mL	1.0014 mL
	10 mM		0.0501 mL	0.2503 mL	0.5007 mL

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

### BIOLOGICAL ACTIVITY

#### Description

APN-PEG36-tetrazine is an analogue of APN-PEG4-tetrazine. APN-PEG4-tetrazine is a cleavable 4 unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs)<sup>[1]</sup>. APN-PEG36-tetrazine 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.

#### 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.

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

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