



SZABO SCANDIC

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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

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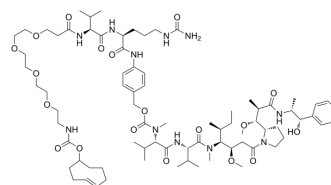
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TCO-PEG4-VC-PAB-MMAE

Cat. No.:	HY-148057
CAS No.:	2758671-45-1
Molecular Formula:	C ₇₈ H ₁₂₇ N ₁₁ O ₁₉
Molecular Weight:	1522.91
Target:	Drug-Linker Conjugates for ADC
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 250 mg/mL (164.16 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		0.6566 mL	3.2832 mL	6.5664 mL
	5 mM		0.1313 mL	0.6566 mL	1.3133 mL
	10 mM		0.0657 mL	0.3283 mL	0.6566 mL

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

BIOLOGICAL ACTIVITY

Description

TCO-PEG4-VC-PAB-MMAE is a agent-linker conjugate for ADC. TCO-PEG4-VC-PAB-MMAE contains a cleavable ADC linker (TCO-PEG4-VC-PA) and a potent tubulin inhibitor [MMAE](#) (HY-15162)^[1]. TCO-PEG4-VC-PAB-MMAE is a click chemistry reagent, it contains a TCO group that can undergo an inverse electron demand Diels-Alder reaction (iEDDA) with molecules containing Tetrazine groups.

In Vitro

ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Yang Yi, et al. Preparation of site-specific antibody conjugates. Patent WO2022037665.

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

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