



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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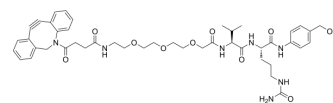
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DBCO-PEG4-acetic-Val-Cit-PAB

Cat. No.:	HY-136098
Molecular Formula:	C ₄₅ H ₅₇ N ₇ O ₁₀
Molecular Weight:	855.97
Target:	ADC Linker
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	Powder -20°C 3 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (116.83 mM; Need ultrasonic)

	Solvent Concentration	Mass			
		1 mg	5 mg	10 mg	
Preparing Stock Solutions	1 mM	1.1683 mL	5.8413 mL	11.6827 mL	
	5 mM	0.2337 mL	1.1683 mL	2.3365 mL	
	10 mM	0.1168 mL	0.5841 mL	1.1683 mL	

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

BIOLOGICAL ACTIVITY

Description	DBCO-PEG4-acetic-Val-Cit-PAB is a cleavable 4 unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs) [1]. DBCO-PEG4-acetic-Val-Cit-PAB is a click chemistry reagent, it contains a DBCO group that can undergo strain-promoted alkyne-azide cycloaddition (SPAAC) with molecules containing Azide groups.	
IC ₅₀ & Target	Protease Cleavable Linker	Cleavable Linker
In Vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker[1]. 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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