



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

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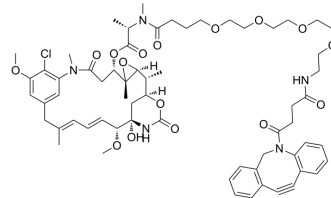
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DM1-PEG4-DBCO

Cat. No.: HY-136261
Molecular Formula: C₆₃H₈₀ClN₅O₁₆
Molecular Weight: 1198.79
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 : 100 mg/mL (83.42 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	0.8342 mL	4.1709 mL	8.3417 mL
	5 mM	0.1668 mL	0.8342 mL	1.6683 mL
	10 mM	0.0834 mL	0.4171 mL	0.8342 mL

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

BIOLOGICAL ACTIVITY

Description

DM1-(PEG)4-DBCO is a agent-linker conjugate composed of a potent microtubulin inhibitor DM1 and a linker DBCO-PEG4-Ahx to make antibody agent conjugate (ADC). Mertansine (DM1) is a microtubulin inhibitor and is an antibody-conjugatable maytansinoid that is developed to overcome systemic toxicity associated with maytansine and to enhance tumor-specific delivery. DM1-PEG4-DBCO is a click chemistry reagent, it contains a DBCO group that can undergo strain-promoted alkyne-azide cycloaddition (SPAAC) with molecules containing Azide groups.

IC₅₀ & Target

Maytansinoids

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

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