



# 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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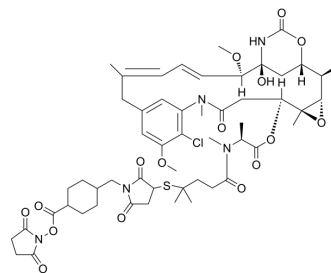
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## DM4-SMCC

<b>Cat. No.:</b>	HY-126494		
<b>CAS No.:</b>	1228105-52-9		
<b>Molecular Formula:</b>	C <sub>54</sub> H <sub>72</sub> ClN <sub>5</sub> O <sub>16</sub> S		
<b>Molecular Weight:</b>	1114.69		
<b>Target:</b>	Drug-Linker Conjugates for ADC		
<b>Pathway:</b>	Antibody-drug Conjugate/ADC Related		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 125 mg/mL (112.14 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	0.8971 mL	4.4856 mL	8.9711 mL
	5 mM	0.1794 mL	0.8971 mL	1.7942 mL
	10 mM	0.0897 mL	0.4486 mL	0.8971 mL

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

### BIOLOGICAL ACTIVITY

#### Description

DM4-SMCC is a agent-linker conjugate for ADC with antitumor activity by using DM4 (an antitubulin agent), linked via the non-cleavable SMCC linker<sup>[1]</sup>.

#### IC<sub>50</sub> & Target

Maytansinoids

### REFERENCES

[1]. Singh R, et al. A New Triglycyl Peptide Linker for Antibody-Drug Conjugates (ADCs) with Improved Targeted Killing of Cancer Cells. Mol Cancer Ther. 2016 Jun;15(6):1311-20.

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

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