



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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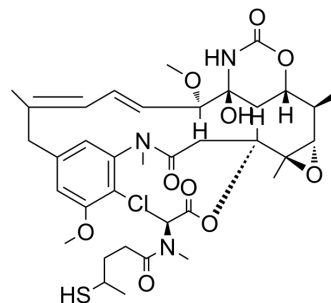
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DM3

Cat. No.:	HY-130080		
CAS No.:	796073-54-6		
Molecular Formula:	C ₃₇ H ₅₂ ClN ₃ O ₁₀ S		
Molecular Weight:	766.34		
Target:	ADC Cytotoxin; Microtubule/Tubulin		
Pathway:	Antibody-drug Conjugate/ADC Related; Cell Cycle/DNA Damage; Cytoskeleton		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (130.49 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.3049 mL	6.5245 mL	13.0490 mL
5 mM	0.2610 mL	1.3049 mL	2.6098 mL
10 mM	0.1305 mL	0.6525 mL	1.3049 mL

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

BIOLOGICAL ACTIVITY

Description

DM3 (Maytansinoid DM3) is a maytansine analog bearing disulfide or thiol groups and a tubulin inhibitor, and is a cytotoxic moiety of antibody-drug conjugates (ADCs)^[1].

IC₅₀ & Target

Maytansinoids

REFERENCES

[1]. Chen H, et al. Tubulin Inhibitor-Based Antibody-Drug Conjugates for Cancer Therapy. *Molecules*. 2017 Aug 1;22(8).

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

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