



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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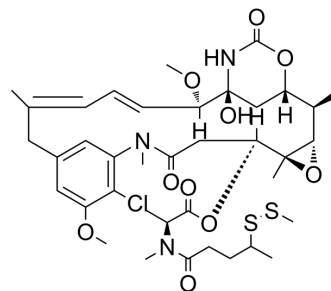
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DM3-SMe

Cat. No.:	HY-130081
CAS No.:	796073-70-6
Molecular Formula:	C ₃₈ H ₅₄ ClN ₃ O ₁₀ S ₂
Molecular Weight:	812.43
Target:	ADC Cytotoxin; Microtubule/Tubulin
Pathway:	Antibody-drug Conjugate/ADC Related; Cell Cycle/DNA Damage; Cytoskeleton
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	DM3-SMe is a maytansine derivative and a tubulin inhibitor, and is a cytotoxic moiety of antibody-drug conjugates (ADCs), which can be linked to antibody through disulfide bond or stable thioether bond. DM3-SMe shows highly cytotoxic activity in vitro with an IC ₅₀ of 0.0011 nM ^{[1][2]} .
IC₅₀ & Target	Maytansinoids

REFERENCES

- [1]. Chen H, et al. Tubulin Inhibitor-Based Antibody-Drug Conjugates for Cancer Therapy. *Molecules*. 2017 Aug 1;22(8).
- [2]. Yuliang Zhao et al. *Biomedical Nanomaterials*. 2016-Science.

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

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