



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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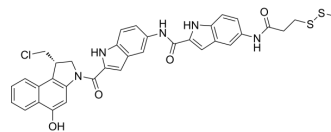
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DC1SMe

Cat. No.:	HY-112898
CAS No.:	501666-85-9
Molecular Formula:	C ₃₅ H ₃₀ ClN ₅ O ₄ S ₂
Molecular Weight:	684.23
Target:	ADC Cytotoxin
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	-20°C, stored under nitrogen, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen, away from moisture)



BIOLOGICAL ACTIVITY

Description	DC1SMe, a DC1 derivative, exhibits IC ₅₀ values of 22 pM, 10 pM, 32 pM and 250 pM for Ramos, Namalwa, HL60/s and COLO 205 cancer cells, respectively. DC1, an analogue of the minor groove-binding DNA alkylator CC-1065, is a ADC Cytotoxin. DC1 can be used in synthesis of antibody-drug conjugates for the targeted treatment of cancer.
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IC₅₀ & Target	Duocarmycins
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REFERENCES

[1]. Zhao RY, et al. Synthesis and biological evaluation of antibody conjugates of phosphate prodrugs of cytotoxic DNA alkylators for the targeted treatment of cancer. *J Med Chem.* 2012 Jan 26;55(2):766-82.

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

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