



# 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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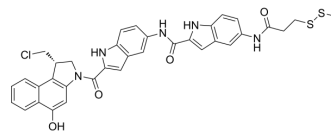
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## DC1SMe

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



## BIOLOGICAL ACTIVITY

|                    |   |
|--------------------|---|
| <b>Description</b> | DC1Sme, a DC1 derivative, exhibits IC <sub>50</sub> 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. |
|--------------------|---|

|                                     |              |
|-------------------------------------|--------------|
| <b>IC<sub>50</sub> &amp; Target</b> | Duocarmycins |
|-------------------------------------|--------------|

## 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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