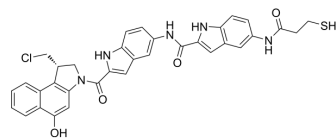


## DC1

<b>Cat. No.:</b>	HY-112899
<b>CAS No.:</b>	169901-27-3
<b>Molecular Formula:</b>	C <sub>34</sub> H <sub>28</sub> ClN <sub>5</sub> O <sub>4</sub> S
<b>Molecular Weight:</b>	638.14
<b>Target:</b>	ADC Cytotoxin; DNA Alkylator/Crosslinker
<b>Pathway:</b>	Antibody-drug Conjugate/ADC Related; Cell Cycle/DNA Damage
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

<b>Description</b>	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]. Kovtun YV, et al. Antibody-drug conjugates designed to eradicate tumors with homogeneous and heterogeneous expression of the target antigen. *Cancer Res.* 2006 Mar 15;66(6):3214-21.

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

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