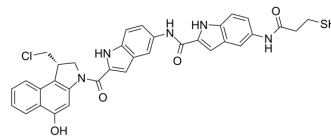


DC1

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



BIOLOGICAL ACTIVITY

Description	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.
IC₅₀ & Target	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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