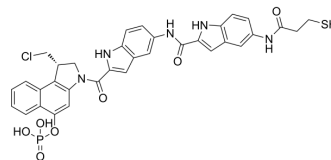


DC4

Cat. No.:	HY-135125
CAS No.:	615538-48-2
Molecular Formula:	C ₃₄ H ₂₉ ClN ₅ O ₇ PS
Molecular Weight:	718.12
Target:	ADC Cytotoxin
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	DC4, an ADC cytotoxin, can be used in the synthesis of antibody-drug conjugate (ADC). DC4 can be used for the targeted treatment of cancer ^[1] .
In Vitro	DC4 can be conjugated to the humanized monoclonal antibody huB4 and huC242 by a linker SPP, SPDB, and SMCC to form huB4-SPP-DC4, huC242-SPDB-DC4, huC242-SPP-DC4, and huC242-SMCC-DC4 ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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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