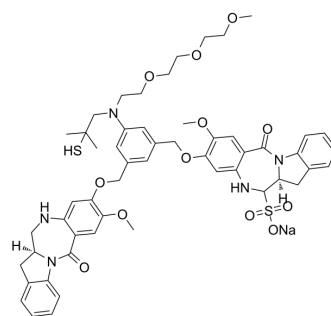


sulfo-DGN462 sodium

Cat. No.:	HY-101150A
CAS No.:	1401203-09-5
Molecular Formula:	C ₅₃ H ₆₀ N ₅ NaO ₁₂ S ₂
Molecular Weight:	1046.19
Target:	DNA Alkylator/Crosslinker; ADC Cytotoxin
Pathway:	Cell Cycle/DNA Damage; Antibody-drug Conjugate/ADC Related
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	sulfo-DGN462 sodium is degraded to DGN462 in culture medium and plasma. DGN462, a potent DNA-alkylating agent, shows anti-tumor activity, such as acute myeloid leukemia (AML) ^[1] .
In Vitro	DGN462 can be used as a cytotoxic component of antibody-drug conjugates (ADCs). DGN462 is a member of the DNA-alkylating indolinobenzodiazepine pseudodimers (IGNs) class ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Hicks SW, et al. The novel CD19-targeting antibody-drug conjugate huB4-DGN462 shows improved anti-tumor activity compared to SAR3419 in CD19-positive lymphoma and leukemia models. *Haematologica*. 2019 Aug;104(8):1633-1639.

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

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