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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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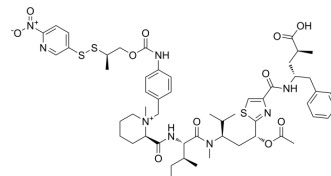
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Nitro-PDS-Tubulysin M

Cat. No.:	HY-128896
CAS No.:	1941168-69-9
Molecular Formula:	C ₅₄ H ₇₃ N ₈ O ₁₁ S ₃
Molecular Weight:	1106.4
Target:	Drug-Linker Conjugates for ADC; Microtubule/Tubulin
Pathway:	Antibody-drug Conjugate/ADC Related; Cell Cycle/DNA Damage; Cytoskeleton
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Nitro-PDS-Tubulysin M is a synthetic ADC drug-linker conjugate composed of the tubulin polymerization inhibitor Tubulysin M (an ADC Cytotoxin) and Nitro-PDS (an ADC linker).
IC₅₀ & Target	Auristatin
In Vitro	ADC2-2 (anti-CD22 10F4v3 LC K149C Nitro-PDS-Tubulysin M) displays target-specific killing in WSU-DLCL2 human diffuse large B-cell lymphoma tumors with IC ₅₀ of 0.147 nM, and ADC2-1 (anti-Napi2b 10H1.11.4B LC K149C Nitro-PDS-Tubulysin M) displays target-specific killing in human ovarian cancer IGROV-1 and OVCAR-3x2.1 with IC ₅₀ s of 2.07 nM, 1.004 nM, respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. FLYGARE, John A, et al. Quaternary amine compounds and antibody-drug conjugates thereof. WO2016090050A1.
- [2]. Staben LR, et al. Targeted drug delivery through the traceless release of tertiary and heteroaryl amines from antibody-drug conjugates. Nat Chem. 2016 Dec;8(12):1112-1119.

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

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