



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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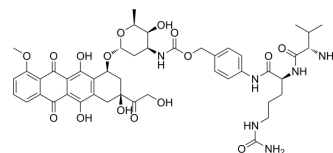
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Val-Cit-PABC-DOX

Cat. No.:	HY-160774
CAS No.:	1022094-34-3
Molecular Formula:	C ₄₆ H ₅₆ N ₆ O ₁₆
Molecular Weight:	948.97
Target:	Drug-Linker Conjugates for ADC; Topoisomerase
Pathway:	Antibody-drug Conjugate/ADC Related; Cell Cycle/DNA Damage
Storage:	-20°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



BIOLOGICAL ACTIVITY

Description	Val-Cit-PABC-DOX (compound 10109), an epsilon-poly-L-lysine-based drug conjugate, is an agent-linker conjugate for ADC by using a DNA topoisomerase I and topoisomerase II inhibitor, Doxorubicin (HY-15142), linked via the linker, Val-Cit-PABC ^[1] .
IC ₅₀ & Target	Traditional Cytotoxic Agents
In Vitro	Antibody-drug conjugates (ADCs) carry a highly potent small-molecule toxin covalently connected on the antibody via a proper linker. For therapeutic ADCs in cancer treatment, the antibody targets specific antigen of tumor cell surface with high binding affinity, thereafter the intact ADC was internalized into the tumor cells with the antigen and digested in the lysosome to release the antitumor toxin ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Furao Zhang, et al. Epsilon-poly-l-lysine-based drug conjugate, intermediate thereof, and application thereof. WO2023078464A1.

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

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