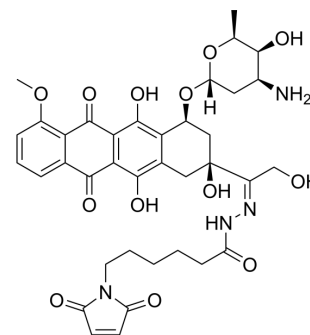


MC-DOXHZN

Cat. No.:	HY-16261A
CAS No.:	151038-96-9
Molecular Formula:	C ₃₇ H ₄₂ N ₄ O ₁₃
Molecular Weight:	750.75
Target:	Topoisomerase; Drug-Linker Conjugates for ADC
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	MC-DOXHZN ((E/Z)-Aldoxorubicin) is an albumin-binding proagent of Doxorubicin (DNA topoisomerase II inhibitor), with acid-sensitive properties ^[1] .	
IC ₅₀ & Target	Topoisomerase II	Daunorubicins/Doxorubicins

CUSTOMER VALIDATION

- Int J Pharm. 2016 Oct 15;512(1):1-13.
- Mol Pharm. 2017 Nov 6;14(11):3739-3749.
- Mol Pharm. 2015 Jul 6;12(7):2217-28.
- Bioconjug Chem. 2017 Oct 18;28(10):2530-2537.
- China Biotechnology. 2017, 37(4): 68-75.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Sevim Rollas, et al. Hydrazone, Amide, Carbamate, Macromolecular and Other Prodrugs of Doxorubicin. The Open Drug Delivery Journal, 2008, 2, 77-85.

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

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