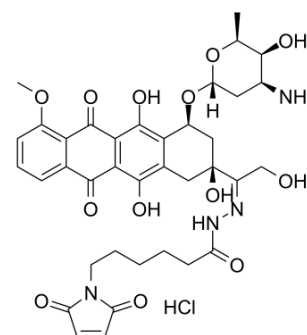


## MC-DOXHZN hydrochloride

Cat. No.:	HY-16261B
CAS No.:	480998-12-7
Molecular Formula:	C <sub>37</sub> H <sub>43</sub> ClN <sub>4</sub> O <sub>13</sub>
Molecular Weight:	787.21
Target:	Topoisomerase; ADC Cytotoxin
Pathway:	Cell Cycle/DNA Damage; Antibody-drug Conjugate/ADC Related
Storage:	Please store the product under the recommended conditions in the COA.



### BIOLOGICAL ACTIVITY

**Description** MC-DOXHZN hydrochloride is an albumin-binding prodrug of Doxorubicin, with acid-sensitive properties<sup>[1]</sup>.

### CUSTOMER VALIDATION

- 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.
- Int J Pharm. 2016 Oct 15;512(1):1-13.
- China Biotechnology. 2017, 37(4): 68-75.

See more customer validations on [www.MedChemExpress.com](http://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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