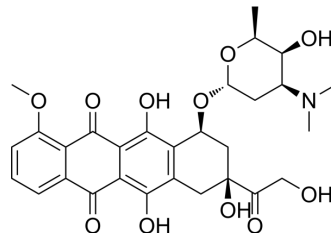


## N,N-Dimethyldoxorubicin

Cat. No.:	HY-154797
CAS No.:	70222-95-6
Molecular Formula:	C <sub>29</sub> H <sub>33</sub> NO <sub>11</sub>
Molecular Weight:	571.57
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

N,N-Dimethyldoxorubicin is a Doxorubicin (HY-15142A) analogue. N,N-Dimethyldoxorubicin shows cytotoxicity against a panel of tumor cell lines (IC<sub>50</sub>s < 0.3 μM)<sup>[1]</sup>.

### REFERENCES

[1]. Wander DPA, et al. Synthetic (N,N-Dimethyl)doxorubicin Glycosyl Diastereomers to Dissect Modes of Action of Anthracycline Anticancer Drugs. J Org Chem. 2021 Apr 16;86(8):5757-5770.

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

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