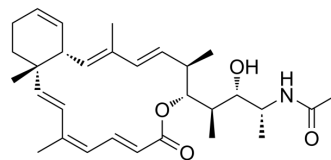


## ZJ-101

Cat. No.:	HY-161424
CAS No.:	1448446-23-8
Molecular Formula:	C <sub>30</sub> H <sub>43</sub> NO <sub>4</sub>
Molecular Weight:	481.67
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	ZJ-101 is a structurally simplified analog derived from the marine natural product superstolide A. ZJ-101 exhibits potent antiproliferative activity. ZJ-101 can target and inhibit O-glycosylation, thereby modulating the endomembrane system. ZJ-101 can inhibit cell-cell adhesion <sup>[1]</sup> .
<b>In Vitro</b>	ZJ-101 shows antiproliferative effects on MCF-7, MDA-MB-231, and HCT-116, with IC <sub>50</sub> of 40.8 nM (MCF-7), 61.1 nM (MDA-MB-231), 88.2 nM (HCT-116) respectively <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Qiu H, et al. Insights into the structure-activity relationship of the anticancer compound ZJ-101: A role played by the amide moiety. *Bioorg Med Chem Lett*. 2024 Jun 1;105:129741.

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

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