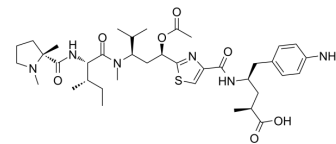


## C-11

Cat. No.:	HY-100861
CAS No.:	2007965-97-9
Molecular Formula:	C <sub>38</sub> H <sub>58</sub> N <sub>6</sub> O <sub>7</sub> S
Molecular Weight:	742.97
Target:	ADC Cytotoxin; Microtubule/Tubulin
Pathway:	Antibody-drug Conjugate/ADC Related; Cell Cycle/DNA Damage; Cytoskeleton
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	C-11 is a tubulin inhibitor and acts as an ADC cytotoxin, displays cytotoxicity for carcinoma cell lines <sup>[1]</sup> .
IC <sub>50</sub> & Target	Traditional Cytotoxic Agents
In Vitro	C-11 exhibits cytotoxicity for N87 cells and MDA-MB-361-DYT2 cells with IC <sub>50</sub> s of 1.11 nM and 0.9 nM, respectively <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Leverett CA, et al. Design, Synthesis, and Cytotoxic Evaluation of Novel Tubulysin Analogues as ADC Payloads. ACS Med Chem Lett. 2016 Aug 26;7(11):999-1004.

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

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