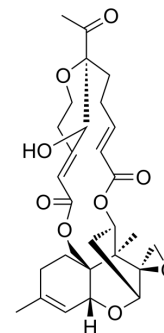


## Mytoxin B

Cat. No.:	HY-131055
CAS No.:	105049-15-8
Molecular Formula:	C <sub>29</sub> H <sub>36</sub> O <sub>9</sub>
Molecular Weight:	528.59
Target:	ADC Cytotoxin; PI3K; Apoptosis
Pathway:	Antibody-drug Conjugate/ADC Related; PI3K/Akt/mTOR; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Mytoxin B is an ADC cytotoxin. Mytoxin B is a satratoxin-type trichothecene macrolide and is similar to the effect of LY294002 (HY-10108). Mytoxin B induces cell apoptosis via PI3K/Akt pathway<sup>[1]</sup>.

### REFERENCES

[1]. Huiliang Song, et al. Mytoxin B and Myrothecine A Induce Apoptosis in Human Hepatocarcinoma Cell Line SMMC-7721 via PI3K/Akt Signaling Pathway. *Molecules*. 2019 Jun 20;24(12):2291.

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

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