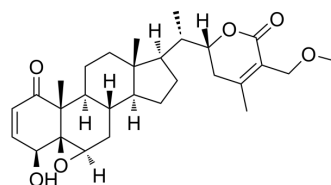


## 27-Methyl withaferin A

Cat. No.:	HY-N10354
CAS No.:	1777780-93-4
Molecular Formula:	C <sub>29</sub> H <sub>40</sub> O <sub>6</sub>
Molecular Weight:	484.62
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

27-Methyl withaferin A (compound 26) is an apoptosis inducer with anticancer effects. 27-Methyl withaferin A shows antiproliferative effects against HeLa, A-549 and MCF-7 human tumor cell lines with IC<sub>50</sub> values of 3.2 μM, 4.2 μM and 1.4 μM, respectively<sup>[1]</sup>.

### REFERENCES

[1]. Gabriel G Llanos, et al. Structure-based design, synthesis, and biological evaluation of withaferin A-analogues as potent apoptotic inducers. *Eur J Med Chem.* 2017 Nov 10;140:52-64.

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

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