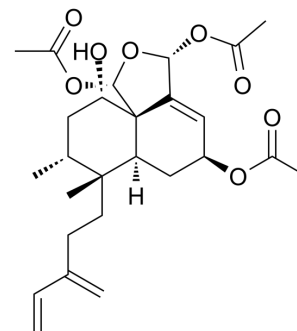


## Kurzipene D

Cat. No.:	HY-N10447
CAS No.:	2522596-01-4
Molecular Formula:	C <sub>26</sub> H <sub>36</sub> O <sub>8</sub>
Molecular Weight:	476.56
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Kurzipene D (compound 4) is a potent anticancer agent. Kurzipene D induces the apoptosis and arrested the HepG2 cell cycle at S stage. Kurzipene D shows anti-tumor effects using in vivo zebrafish model. Kurzipene D has the property of inhibiting tumor proliferation and migration <sup>[1]</sup> .
<b>In Vitro</b>	Kurzipene D (compound 4) shows strong cytotoxic activity against cancer cells K562, HepG2, A549, and HeLa, with IC <sub>50</sub> values of 7.2 ± 0.4, 9.7 ± 0.3, 10.9 ± 0.6, and 12.4 ± 1.0, respectively <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Liang Y, et al. Diterpenoids from the leaves of *Casearia kurzii* showing cytotoxic activities. *Bioorg Chem.* 2020 May;98:103741.

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

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