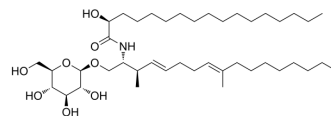


Ophiocordylongiiside A

Cat. No.:	HY-N12722
Molecular Formula:	C ₄₂ H ₇₉ NO ₈
Molecular Weight:	726.08
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Ophiocordylongiiside A is a compound found in <i>Polyphilus sieberi</i> . Ophiocordylongiiside A shows activity against the free-living nematode <i>Caenorhabditis elegans</i> ^[1] .
In Vitro	Ophiocordylongiiside A (100 µg/mL) results in a 69 % mortality rate in <i>Caenorhabditis elegans</i> N21 ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Wennrich JP, et al. Omnipolyphilins A and B: Chlorinated Cyclotetrapeptides and Naphtho- α -pyranones from the Plant Nematode-Derived Fungus *Polyphilus sieberi*. *J Agric Food Chem.* 2024 Apr 3;72(13):6998-7009.

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

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