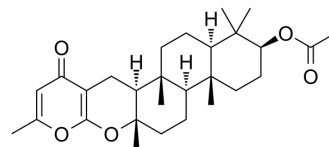


Chevalone C

Cat. No.:	HY-120607
CAS No.:	1318025-77-2
Molecular Formula:	C ₂₈ H ₄₀ O ₅
Molecular Weight:	456.61
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Chevalone C, a meroterpenoid fungal metabolite, shows antimalarial activity with IC ₅₀ value of 25.00 µg/mL. Chevalone C has anti-proliferative activity on colon HCT116, liver HepG2 and melanoma A375 cancer cell lines ^{[1][2]} .
In Vitro	Chevalone C (1, 10, 50, 100, 200 µM; 24 hours) exhibits a significant decrease of cell viability in HepG2, HCT116 and HT29 cell lines (ic50=153 µM, 190 µM, 98 µM) ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Sasiphimol Sawadstitang, et al. Antimalarial and cytotoxic constituents of *Xylaria* cf. *cubensis* PK108. *Nat Prod Res.* 2015;29(21):2033-6.

[2]. M Prata-Sena, et al. Cytotoxic activity of Secondary Metabolites from Marine-derived Fungus *Neosartorya siamensis* in Human Cancer Cells. *Phytother Res.* 2016 Nov;30(11):1862-1871.

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

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