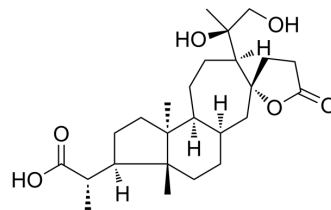


Lancifodilactone F

Cat. No.:	HY-N6048
CAS No.:	850878-47-6
Molecular Formula:	C ₂₅ H ₄₀ O ₆
Molecular Weight:	436.58
Target:	HIV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Lancifodilactone F (compound 1) can be isolated from the leaves and stems of *Schisandra lancifolia*. Lancifodilactone F has anti-HIV activity with EC₅₀=20.69 µg/mL. Lancifodilactone F has cytotoxicity against C8166 cells (CC₅₀>200 µg/mL)^[1].

REFERENCES

[1]. Wei-Lie Xiao, et al. Lancifodilactone F: a novel nortriterpenoid possessing a unique skeleton from *Schisandra lancifolia* and its anti-HIV activity. *Org Lett.* 2005, 7, 7.

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

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