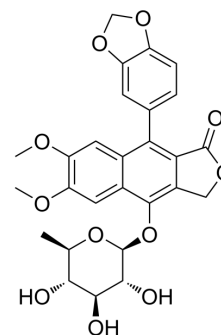


Patentiflorin A

Cat. No.:	HY-N10430
CAS No.:	857050-63-6
Molecular Formula:	C ₂₇ H ₂₆ O ₁₁
Molecular Weight:	526.49
Target:	HIV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Patentiflorin A is a potent, broadspectrum HIV-1 inhibitor. Patentiflorin A also inhibits HIV drug-resistant strains ^[1] .
IC ₅₀ & Target	HIV-1
In Vitro	Patentiflorin A shows inhibition activity with IC ₅₀ values of 32, 31, 30, 32, 108, 61 and 47 nM against Bal: M-Tropic, 89.6: Dual-Tropic, SF162: M-Tropic, Lav.04: T-Tropic, HIV-1 _{LAV} , HIV-1 ₁₆₁₇₋₁ and HIV-1 _{N119} , respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Zhang HJ, et al. Potent Inhibitor of Drug-Resistant HIV-1 Strains Identified from the Medicinal Plant *Justicia gendarussa*. *J Nat Prod*. 2017 Jun 23;80(6):1798-1807.

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

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