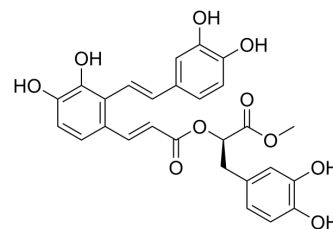


Methyl salvionolate A

Cat. No.:	HY-N11288
CAS No.:	1015171-69-3
Molecular Formula:	C ₂₇ H ₂₄ O ₁₀
Molecular Weight:	508.47
Target:	HIV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Methyl salvionolate A is a potent inhibitor of HIV-1. Methyl salvionolate A inhibits P24 antigen in HIV-1 infected MT-4 cell with an EC₅₀ of 1.62 µg/ml. Methyl salvionolate A also inhibits HIV-1 reverse transcriptase, protease and integrase with IC₅₀s of 50.58, 10.73 and 7.58 µg/ml, respectively^[1].

REFERENCES

- [1]. Wang Q, et al. Salviachinensines A-F, Antiproliferative Phenolic Derivatives from the Chinese Medicinal Plant *Salvia chinensis*. *J Nat Prod*. 2018 Nov 26;81(11):2531-2538.
- [2]. Zhang ZF, et al. Three new derivatives of anti-HIV-1 polyphenols isolated from *Salvia yunnanensis*. *J Asian Nat Prod Res*. 2008 May-Jun;10(5-6):391-6.

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

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