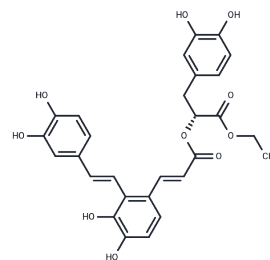


Ethyl salvianolate A

Chemical Properties

CAS No. :	1015171-68-2
Formula:	C ₂₈ H ₂₆ O ₁₀
Molecular Weight:	522.50
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Ethyl salvianolate A (Ethyl salvionolate A) is an anti-HIV-1 compound extracted from the roots of <i>Salvia yunnanensis</i> . It inhibits the P24 antigen in HIV-1 infected MT-4 cell cultures with an EC ₅₀ of 1.44 µg/mL. Additionally, it suppresses HIV-1 enzymes with IC ₅₀ s of 56.38 µM (reverse transcriptase), 12.03 µM (protease), and 14.54 µM (integrase).
Targets(IC ₅₀)	HIV Protease,Reverse Transcriptase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9139 mL	9.5694 mL	19.1388 mL
5 mM	0.3828 mL	1.9139 mL	3.8278 mL
10 mM	0.1914 mL	0.9569 mL	1.9139 mL
50 mM	0.0383 mL	0.1914 mL	0.3828 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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