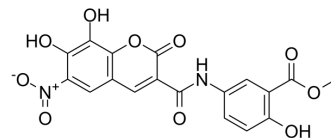


HIV-1 integrase inhibitor 9

Cat. No.:	HY-132572
CAS No.:	2709085-95-8
Molecular Formula:	C ₁₈ H ₁₂ N ₂ O ₁₀
Molecular Weight:	416.3
Target:	HIV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	HIV-1 integrase inhibitor 9 (compound 8a) is a potent HIV-1 RNase H inhibitor with an IC ₅₀ of 12.3 μM. HIV-1 integrase inhibitor 9 shows an antiviral activity ^[1] .
IC ₅₀ & Target	HIV-1 RNase H 12.3 nM (IC ₅₀)

REFERENCES

[1]. Dongwei Kang, et al. Discovery, optimization, and target identification of novel coumarin derivatives as HIV-1 reverse transcriptase-associated ribonuclease H inhibitors. *Eur J Med Chem.* 2021 Dec 5;225:113769.

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

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