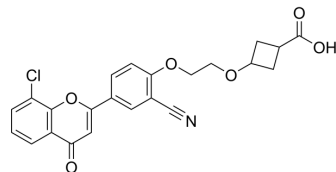


HBV-IN-31

Cat. No.:	HY-148782
CAS No.:	2413192-95-5
Molecular Formula:	C ₂₃ H ₁₈ ClNO ₆
Molecular Weight:	439.85
Target:	HBV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	HBV-IN-31 is a potent cccDNA (covalently closed circular DNA) inhibitor. HBV-IN-31 shows anti-HBV activity with an IC ₅₀ value of 0.13 μM for HBsAg. HBV-IN-31 inhibits cell growth ^[1] .	
In Vitro	HBV-IN-31 (example 46) (0-50 μM; 5 days) inhibits cell growth with an IC ₅₀ of 16.01 μM in HepDES19 cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only. Cell Viability Assay ^[1]	
	Cell Line:	HepDES19 cells
	Concentration:	0-50 μM
	Incubation Time:	5 days
	Result:	Inhibited cell viability with an IC ₅₀ of 16.01 μM.

REFERENCES

[1]. Song Feng, et al. Flavone compounds for the treatment and prophylaxis of hepatitis b virus disease. WO2020053249A1.

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

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