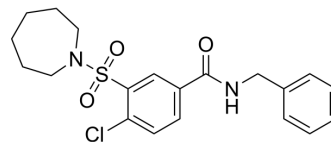


DVR-01

Cat. No.:	HY-122209
CAS No.:	330461-34-2
Molecular Formula:	C ₂₀ H ₂₃ ClN ₂ O ₃ S
Molecular Weight:	406.93
Target:	HBV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	DVR-01 is a HBV inhibitor with EC ₅₀ values of 1.7 and 1.6 μM in AML12HBV10 and HepDES19 cells, respectively. DVR-01 shows antiviral activity against drug-resistant HBV mutants with EC ₅₀ s of 2.403-3.273 μM. DVR-01 can be used for the research of HBV infection and related diseases ^[1] .
In Vitro	<p>DVR-01 (0-10 μM; 4 d) inhibits HBV in human hepatoma cells with EC₅₀ values of 1.7 and 1.6 μM in AML12HBV10 and HepDES19 cells, respectively^[1].</p> <p>DVR-01 (0.156-10 μM; 2 d) selectively disrupts the pgRNA encapsidation by HBV^[1].</p> <p>DVR-01 (3 d) shows antiviral activity against hepadnaviruses in human hepatoma cells with EC₅₀s of 2.899, 10 and 25 μM for HBV, WHV and DHBV, respectively^[1].</p> <p>DVR-01 (0.0097-10 μM; 2 d) shows antiviral activity against drug-resistant HBV mutants with EC₅₀s of 2.899, 3.273, 3.180, 2.752, 2.567 and 2.403 μM for wt, rtL180 M/rtM204V, rtA181V, rtN236T, rtM204I and rtL180 M/rtM204V/rtT184G/rtS202I, respectively^[1].</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>

REFERENCES

[1]. Campagna MR, et al. Sulfamoylbenzamide derivatives inhibit the assembly of hepatitis B virus nucleocapsids. J Virol. 2013 Jun;87(12):6931-42.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA