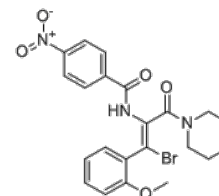


Product Name : AT-130
Cat. No. : PC-63327
CAS No. : 211364-06-6
Molecular Formula : C₂₂H₂₂BrN₃O₅
Molecular Weight : 488.338
Target : HBV
Solubility : 10 mM in DMSO



Biological Activity

AT-130 is a potent inhibitor of **HBV capsid** assembly, inhibits wild-type HBV replication with IC₅₀ of 2.4 μM. AT-130 inhibits replication of wild-type and lamivudine-resistant strains of hepatitis B virus in vitro with same sensitivity (rtL180M, rtM204I, and rtL180M + rtM204V); blocks HBV replication at the level of viral RNA packaging, interferes with capsid morphogenesis. AT-130 shows activity against the main lamivudine- and adefovir-resistant mutants.

References

Delaney WE 4th, et al. *Antimicrob Agents Chemother.* 2002 Sep;46(9):3057-60.
 Feld JJ, et al. *Antiviral Res.* 2007 Nov;76(2):168-77.
 Billioud G, et al. *Antiviral Res.* 2011 Nov;92(2):271-6.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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