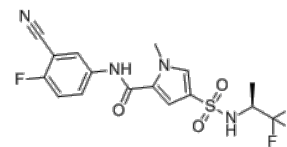


Product Name : Bersacapavir
Cat. No. : PC-20253
CAS No. : 1638266-40-6
Molecular Formula : C₁₆H₁₄F₄N₄O₃S
Molecular Weight : 418.37
Target : HBV
Solubility : 10 mM in DMSO



Biological Activity

Bersacapavir (JNJ 56136379, JNJ-6379) is a potent **HBV capsid** assembly modulator, JNJ-6379 specifically and potently inhibits HBV replication with EC₅₀ of 54 nM (HepG2.117 cells).

Bersacapavir (JNJ 56136379, JNJ-6379) dose-dependently reduced extracellular HBV DNA levels (median EC₅₀ of 93 nM) and prevented covalently closed circular DNA (cccDNA) formation.

Bersacapavir (JNJ 56136379, JNJ-6379) reduced intracellular HBV RNA levels (median EC₅₀ of 876 nM) and reduced antigen levels in HBV-infected primary human hepatocytes (PHHs).

References

Berke JM, et al. *Antimicrob Agents Chemother*. 2020 Apr 21;64(5):e02439-19.

Zoulim F, et al. *Gastroenterology*. 2020 Aug;159(2):521-533.e9.

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

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