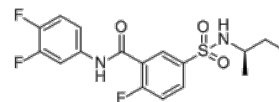


**Product Name** : AB-423  
**Cat. No.** : PC-63323  
**CAS No.** : 1572510-80-5  
**Molecular Formula** : C<sub>17</sub>H<sub>17</sub>F<sub>3</sub>N<sub>2</sub>O<sub>3</sub>S  
**Molecular Weight** : 386.389  
**Target** : HBV  
**Solubility** :



## Biological Activity

AB-423 is a novel potent, class II HBV capsid inhibitor that shows potent inhibition of HBV replication with EC<sub>50</sub> of 0.08-0.27 uM, with no significant cytotoxicity (CC<sub>50</sub>>10 uM); inhibits HBV genotypes A through D and nucleos/tide-resistant variants, causes capsid particles devoid of encapsidated pgRNA and rcDNA in treated HepDES19 cells, prevents the conversion of encapsidated rcDNA to cccDNA presumably by interfering with the capsid uncoating process; dose-dependently reduces serum HBV DNA levels in mouse model of HBV model, shows synergistic antiviral activity combined with entecavir (ETV).

HBV Infection  
Phase 1 Clinical

## References

Mani N, et al. Antimicrob Agents Chemother. 2018 Mar 19. pii: AAC.00082-18.

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

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