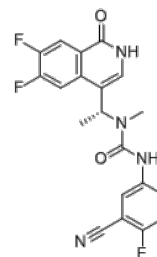


Product Name : AB-836
Cat. No. : PC-20678
CAS No. : 2445597-31-7
Molecular Formula : C₂₀H₁₅F₃N₄O₂
Molecular Weight : 400.36
Target : HBV
Solubility : 10 mM in DMSO

1. Cole AG, et al. *J Med Chem*. 2024 Sep 4. doi:
10.1021/acs.jmedchem.4c01568.



CAS: 2445597-31-7

Biological Activity

AB-836 is a next generation oral hepatitis B virus (**HBV**) capsid inhibitor with HepDE19 EC₅₀ of 10 nM, interacts with HBV core protein and demonstrates robust antiviral activity.

AB-836 in combination with nucleos(t)ide analogues is designed to completely eliminate viral replication in infected cells by preventing the assembly of functional viral capsids.

AB-836 has been shown to inhibit the replenishment of covalently closed circular DNA (cccDNA), the viral genetic reservoir which the virus needs to replicate itself.

References

