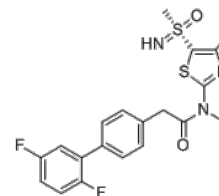


Product Name : IM-250
Cat. No. : PC-72690
CAS No. : 2305750-23-4
Molecular Formula : C₂₀H₁₉F₂N₃O₂S₂
Molecular Weight : 435.51
Target : HSV
Solubility : 10 mM in DMSO



Biological Activity

IM-250 is a potent **HSV-1 helicase primase** inhibitor, inhibits HSV-1 replication with IC₅₀ of 20 nM (clinical isolate of HSV-1).

IM-250 displays similar IC₅₀ values (20-30 nM) against ACV-resistant HSV-1 clinical isolates 2 and 3 and ACV-resistant HSV-2 clinical isolates 7 and 8.

IM-250 exhibits a broad therapeutic window against HSV-1 in vitro with pronounced higher SI values as obtained for acyclovir (ACV).

IM-250 shows in vivo efficacy and attenuates viral burden in HSV-1 infection mouse model.

References

Uhlig N, et al. *Antiviral Res.* 2021 Nov;195:105190.

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

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