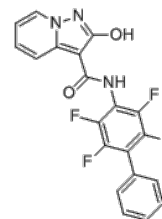


Product Name : MEDS433
Cat. No. : PC-72691
CAS No. : 2241027-61-0
Molecular Formula : C₂₀H₁₁F₄N₃O₂
Molecular Weight : 401.321
Target : HSV
Solubility : 10 mM in DMSO



Biological Activity

MEDS433 is a potent **DHODH** inhibitor with IC₅₀ of 1.2 nM (hDHODH), inhibits in vitro replication of HSV-1 and HSV-2 in the nanomolar range.

MEDS433 targets the de novo pyrimidine biosynthesis.

MEDS433 exhibited highly synergistic antiviral activity when combined with acyclovir and dipyridamole.

MEDS433 is a promising candidate as either single agent or in combination regimens with existing direct-acting anti-HSV drugs.

References

Luganini A, et al. Antiviral Res. 2021 May;189:105057.

Stefano Sainas, et al. J Med Chem. 2018 Jul 26;61(14):6034-6055.

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

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