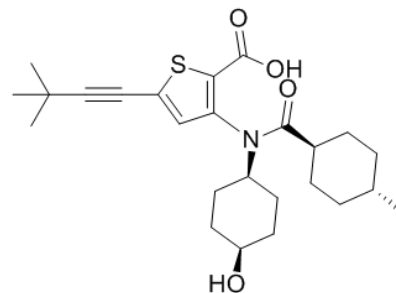


Product Name : VX-222
Cat. No. : PC-45961
CAS No. : 1026785-59-0
Molecular Formula : C₂₅H₃₅NO₄S
Molecular Weight : 445.6147
Target : HCV
Solubility : DMSO: ≥ 32 mg/mL



Biological Activity

A potent and selective, nonnucleoside inhibitor of HCV NS5B polymerase inhibitor with K_d of 17 nM; inhibits the 1b/Con1 HCV subgenomic replicon with EC₅₀ of 17 nM, the M423I and A486S variants remain susceptible to VX-222; exhibits non-competitive and selective inhibition in HCV NS5B of genotype 1a and 1b, with IC₅₀ of 0.94 and 1.2 μM, respectively; displays fine pharmacokinetic profile in rats and dogs.

HCV Infection

Phase 2 Discontinued

References

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Jiang M, et al. Antimicrob Agents Chemother. 2014 Sep;58(9):5456-65.

Di Bisceglie AM, et al. Eur J Gastroenterol Hepatol. 2014 Jul;26(7):761-73.

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

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