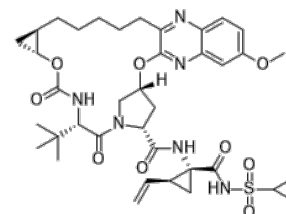


**Product Name** : Grazoprevir  
**Cat. No.** : PC-25228  
**CAS No.** : 1350514-68-9  
**Molecular Formula** : C<sub>38</sub>H<sub>50</sub>N<sub>6</sub>O<sub>9</sub>S  
**Molecular Weight** : 766.91  
**Target** : HCV  
**Solubility** : 10 mM in DMSO



### Biological Activity

Grazoprevir (MK-5172) is a potent, selective inhibitor of HCV NS3/4A protease with broad activity across genotypes and resistant variants, with K<sub>i</sub> values of 0.01 nM (gt1b), 0.01 nM (gt1a), 0.08 nM (gt2a), 0.15 nM (gt2b), 0.90 nM (gt3a), respectively, also inhibits SARS-CoV-2 3CLpro activity.

### References

- Summa V, et al. Antimicrob Agents Chemother. 2012 Aug;56(8):4161-7.  
Harper S, et al. ACS Med Chem Lett. 2012 Mar 2;3(4):332-6.  
Qi Sun, et al. Signal Transduct Target Ther. 2021 May 29;6(1):212.

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

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