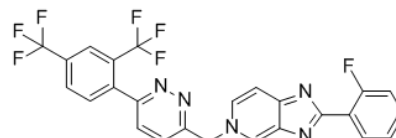


**Product Name** : Tegobuvir  
**Cat. No.** : PC-42646  
**CAS No.** : 1000787-75-6  
**Molecular Formula** : C<sub>25</sub>H<sub>14</sub>F<sub>7</sub>N<sub>5</sub>  
**Molecular Weight** : 517.401  
**Target** : HCV  
**Solubility** : 10 mM in DMSO



## Biological Activity

A nonnucleoside inhibitor of HCV NS5B polymerase that acts as a potent inhibitor of HCV genotype 1; inhibits 1a (H77) and 1b (Con-1) replicons with EC<sub>50</sub> of 13.8 nM and 0.8 nM respectively, and displays a loss in potency against 2a (JFH-1) virus with EC<sub>50</sub> of 2.9 μM.

## References

Shih IH, et al. *Antimicrob Agents Chemother.* 2011 Sep;55(9):4196-203.

Zeuzem S, et al. *Hepatology.* 2012 Mar;55(3):749-58.

Wong KA, et al. *Virology.* 2012 Jul 20;429(1):57-62.

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

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