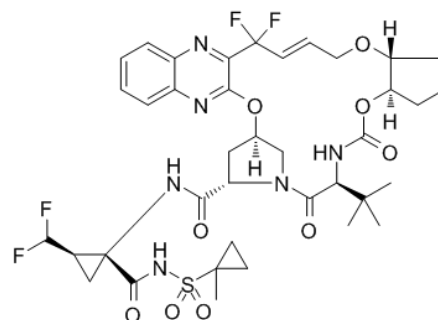


**Product Name** : Glecaprevir  
**Cat. No.** : PC-61941  
**CAS No.** : 1365970-03-1  
**Molecular Formula** : C<sub>38</sub>H<sub>46</sub>F<sub>4</sub>N<sub>6</sub>O<sub>9</sub>S  
**Molecular Weight** : 838.87  
**Target** : HCV  
**Solubility** : 10 mM in DMSO



## Biological Activity

Glecaprevir (ABT-493, A1282576) is a potent **HCV NS3/4A** protease inhibitor with pan-genotypic activity, inhibits NS3/4A proteases from HCV genotypes 1-6 in vitro with IC<sub>50</sub> of 3.5-11.3 nM.

Glecaprevir inhibits the replication of stable HCV subgenomic replicons genotypes 1-6 with EC<sub>50</sub> of 0.21-4.6 nM, has a median EC<sub>50</sub> of 0.30 nM (0.05 - 3.8 nM) for HCV replicons containing proteases from 40 HCV genotype 1-5 samples.

The combination of ABT-493 and ABT-530 demonstrates potent antiviral activity and acceptable safety in clinical trials with HCV genotype 1 infection.

## References

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Gane E, et al. *Gastroenterology.* 2016 Oct;151(4):651-659.e1.

Poordad F, et al. *Hepatology.* 2017 Aug;66(2):389-397.

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

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