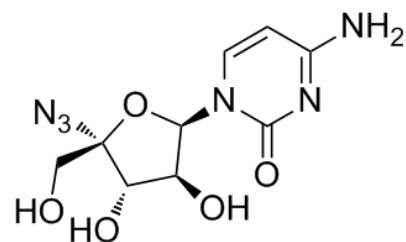


**Product Name** : RO-9187  
**Cat. No.** : PC-42722  
**CAS No.** : 876708-03-1  
**Molecular Formula** : C<sub>9</sub>H<sub>12</sub>N<sub>6</sub>O<sub>5</sub>  
**Molecular Weight** : 284.2288  
**Target** : HCV  
**Solubility** : 10 mM in DMSO



### Biological Activity

A potent HCV NS5B RNA polymerase inhibitor; inhibits HCV replication in the replicon system with IC<sub>50</sub> of 171 nM; RNA synthesis by HCV polymerases from either HCV genotypes 1a and 1b or containing S96T or S282T point mutations (IC<sub>50</sub>=600-1100 nM); shows good oral bioavailability in rats and no toxicologically significant findings.

### References

Klumpp K, et al. J Biol Chem. 2008 Jan 25;283(4):2167-75.

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

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