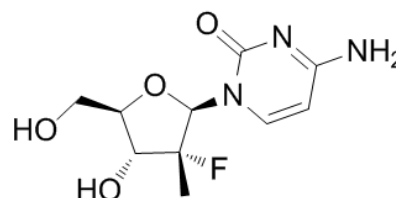


**Product Name** : PSI-6130  
**Cat. No.** : PC-42412  
**CAS No.** : 817204-33-4  
**Molecular Formula** : C<sub>10</sub>H<sub>14</sub>FN<sub>3</sub>O<sub>4</sub>  
**Molecular Weight** : 259.2343  
**Target** : HCV  
**Solubility** : 10 mM in DMSO



### Biological Activity

PSI-6130 (R-1656) is a potent, specific inhibitor of HCV RNA synthesis by inhibiting the **NS5B RNA polymerase** (EC<sub>90</sub>=4.6 uM in replicon assay).  
PSI-6130 shows no anti-BVDV activity and weak antiviral activity against other flaviviruses, including West Nile virus, Dengue type 2, and yellow fever virus.  
PSI-6130 has little or no cytotoxicity against various cell type.

### References

- Clark JL, et al. *J Med Chem.* 2005 Aug 25;48(17):5504-8.  
Murakami E, et al. *Antimicrob Agents Chemother.* 2007 Feb;51(2):503-9.  
Stuyver LJ, et al. *Antivir Chem Chemother.* 2006;17(2):79-87.  
Ma H, et al. *J Biol Chem.* 2007 Oct 12;282(41):29812-20.

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

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