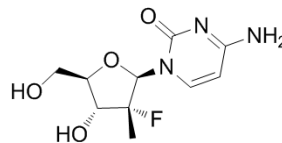


Product Name : PSI-6130
Synonyms : PSI6130;R-1656;R1656
Cat No. : M16043
CAS Number : 817204-33-4
Molecular Formula : C₁₀H₁₄FN₃O₄
Formula Weight : 259.23
Chemical Name : Cytidine, 2'-deoxy-2'-fluoro-2'-methyl-, (2'R)-



Description : A potent, specific inhibitor of HCV RNA synthesis by inhibiting the NS5B RNA polymerase (EC₉₀=4.6 μM in replicon assay); shows no anti-BVDV activity and weak antiviral activity against other flaviviruses, including West Nile virus, Dengue type 2, and yellow fever virus; has little or no cytotoxicity against various cell type.HCV Infection Discontinued
Pathway : Microbiology/Virology
Target : HCV
Receptor : HCV
Solubility : 10 mM in DMSO
SMILES : OC[C@H]1[C@H]([C@](C)(F)[C@H](N2C(N=C(C=C2)N=O)O1)O
Storage : (-20°C)
Stability : ≥ 2 years
Reference :

1. Clark JL, et al. J Med Chem. 2005 Aug 25;48(17):5504-8. | 2. Murakami E, et al. Antimicrob Agents Chemother. 2007 Feb;51(2):503-9. | 3. Stuyver LJ, et al. Antivir Chem Chemother. 2006;17(2):79-87. | 4. Ma H, et al. J Biol Chem. 2007 Oct 12;282(41):29812-20.