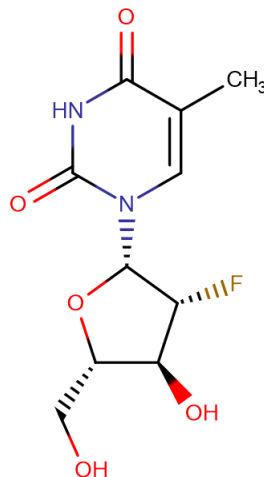


Product Name : Clevudine
Synonyms : Clevudine; L-FMAU; L FMAU; LFMAU
Cat No. : M12457
CAS Number : 163252-36-6
Molecular Formula : C₁₀H₁₃FN₂O₅

Formula Weight : 260.22



Chemical Name : 1-((2S,3R,4S,5S)-3-fluoro-4-hydroxy-5-(hydroxymethyl)tetrahydrofuran-2-yl)-5-methylpyrimidine-2,4(1H,3H)-dione

Description : Clevudine is an antiviral drug for the treatment of hepatitis B.

Pathway : Cell Cycle/DNA Damage

Target : DNA/RNA Synthesis

Receptor : DNA polymerase; RNA polymerase

Solubility : DMSO:52 mg/mL (199.83 mM); Ethanol:4 mg/mL (15.37 mM); Water:52 mg/mL (199.83 mM)

SMILES : O=C1NC(C)=CN1[C@@H]2[C@H](F)[C@H]([C@H](CO)O2)O=O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1.Chong Y, et al. Bioorg Med Chem Lett, 2002, 12(23), 3459-3462.