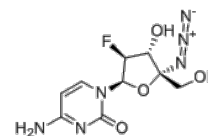


Product Name : Azvudine
Cat. No. : PC-63018
CAS No. : 1011529-10-4
Molecular Formula : C₉H₁₁FN₆O₄
Molecular Weight : 286.223
Target : HCV
Solubility : 10 mM in DMSO



Biological Activity

Azvudine (RO 0622) is a potent **HCV NS5B** RNA polymerase inhibitor, inhibits HCV replication in the replicon system with IC₅₀ of 24 nM.

Azvudine inhibits RNA synthesis by HCV polymerases from either HCV genotypes 1a and 1b or containing S96T or S282T point mutations (IC₅₀=10-100 nM).

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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