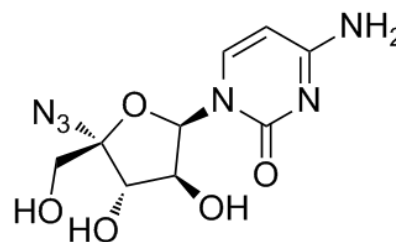


Product Name : RO-9187
Cat. No. : PC-42722
CAS No. : 876708-03-1
Molecular Formula : C₉H₁₂N₆O₅
Molecular Weight : 284.2288
Target : HCV
Solubility : 10 mM in DMSO



Biological Activity

RO-9187 is a potent **HCV NS5B** RNA polymerase inhibitor, inhibits HCV replication in the replicon system with IC₅₀ of 171 nM.

RO-9187 inhibits RNA synthesis by HCV polymerases from either HCV genotypes 1a and 1b or containing S96T or S282T point mutations (IC₅₀=600-1100 nM).

RO-9187 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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