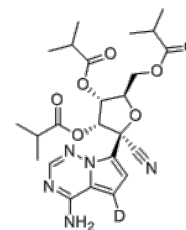


Product Name : VV116
Cat. No. : PC-38735
CAS No. : 2647442-33-7
Molecular Formula : C₂₄H₃₀N₅O₇
Molecular Weight : 502.54
Target : SARS-CoV-2 Inhibitors
Solubility : 10 mM in DMSO



Biological Activity

VV116 (Mindeudesivir, JT001) is a promising orally active remdesivir derivative against SARS-CoV-2, targeting the viral RNA-dependent RNA polymerase through its nucleoside triphosphate form with IC₅₀ of 0.67 μM. VV116 shows excellent efficacy in inhibiting SARS-CoV-2 replication in cell-based and animal models. VV116 also is a potent inhibitor of respiratory syncytial virus with efficacy in mouse model.

References

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Wu CR, et al. Acta Pharmacol Sin. 2022 Jan 20:1-13.
Zhang R, et al. Signal Transduct Target Ther. 2022 Apr 16;7(1):123.
Shen Y, et al. Emerg Microbes Infect. 2022 May 17:1-22.

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

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