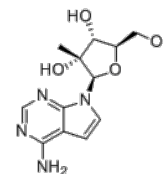


Product Name : MK-0608
Cat. No. : PC-60960
CAS No. : 443642-29-3
Molecular Formula : C₁₂H₁₆N₄O₄
Molecular Weight : 280.284
Target : Filovirus
Solubility : 10 mM in DMSO



Biological Activity

MK-0608 is a nucleoside analogue that shows potent inhibition for replication of several mosquito-borne flaviviruses including DENV and ZIKV.

MK-0608 also inhibits viral RNA replication in the subgenomic HCV genotype 1b replicon with EC₅₀ of 0.3 μM, inhibits ZIKV viral polymerase both in vitro and in vivo.

References

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Zmurko J, et al. *PLoS Negl Trop Dis*. 2016 May 10;10(5):e0004695.

Eyer L, et al. *J Virol*. 2017 Aug 16. pii: JVI.01028-17.

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

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