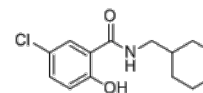


Product Name : JMX0493
Cat. No. : PC-47051
CAS No. : 1096316-34-5
Molecular Formula : C₁₄H₁₈ClNO₂
Molecular Weight : 267.753
Target : CMV
Solubility : 10 mM in DMSO



Biological Activity

JMX0493 is a potent inhibitor of human **adenoviruse (HAdV)** infection with IC₅₀ of 0.78 uM (HAdV-5), targets HAdV entry pathway and prevents viral particle disassembly and subsequent release from the endosome.

JMX0493 displayed significant activity in the qPCR assay, inhibiting or delaying HAdV-5 DNA replication by 50% at a concentration of 7.8 uM.

JMX0493 stabilizes HAdV capsid, also shows broad antiviral activity against human cytomegalovirus (HCMV) in a DNA replication assay.

References

Jimin Xu, et al. Int J Mol Sci. 2021 Feb 5;22(4):1617.

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

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