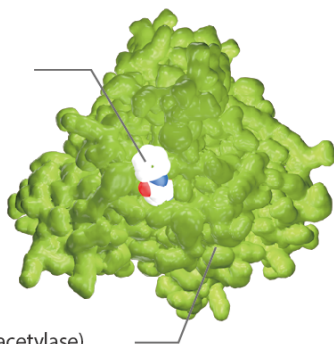


Arenavirus

HDAC Inhibitor:
Vorinostat (SAHA)



HDAC (Histone deacetylase)

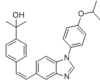

thus identifies a robust new target for arenavirus antiviral discovery within the viral entry phase.

An arenavirus is a virus which is a member of the family Arenaviridae. These viruses infect rodents and occasionally humans.

Arenaviruses are a diverse family of small, enveloped, single-stranded RNA viruses which are generally propagated through asymptomatic, chronic infection of specific rodent hosts. Several arenaviruses are significant human pathogens, including five distinct hemorrhagic fever viruses designated category A by the CDC and NIAID, which is indicative of the level of highest threat to civilian populations. Several arenaviruses, including Lassa virus (LASV), are causative agents of hemorrhagic fever, for which effective therapeutic options are lacking.

The convergence of sensitivity to diverse small-molecule inhibitors

Arenavirus Inhibitors & Modulators

<p>GP(33-41)</p> <p style="text-align: right;">Cat. No.: HY-P0323</p>	<p>LHF-535</p> <p style="text-align: right;">Cat. No.: HY-112762</p>
<p>Bioactivity: GP(33-41), a 9-aa-long peptide, is the optimal sequence of the GP1 epitope of lymphocytic choriomeningitis virus, and can upregulate H-2D^b molecules at the RMA-S (Db Kb) cell surface with SC₅₀ of 344 nM.</p> <p>Purity: >98%</p> <p>Clinical Data: No Development Reported</p> <p>Size: 1 mg, 5 mg, 10 mg</p> <p style="text-align: right;">KAVYNFATC</p>	<p>Bioactivity: LHF-535 is an antiviral agent extracted from patent WO2013123215A2, Compound 38, has EC₅₀s of <1 μM, <1 μM, <1 μM, and 1-10 μM for Lassa, Machupo, Junin, and VSVg virus, respectively [1].</p> <p>Purity: >98%</p> <p>Clinical Data: No Development Reported</p> <p>Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg</p> 
<p>ST-193</p> <p style="text-align: right;">Cat. No.: HY-101441</p>	<p>ST-193 hydrochloride</p> <p style="text-align: right;">Cat. No.: HY-101441A</p>
<p>Bioactivity: ST-193 is a potent broad-spectrum arenavirus inhibitor; inhibits Guanarito, Junin, Lassa and Machupo virus with IC₅₀ values of 0.44, 0.62, 1.4 and 3.1 nM, respectively.</p> <p>Purity: 99.78%</p> <p>Clinical Data: No Development Reported</p> <p>Size: 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg</p> 	<p>Bioactivity: ST-193 hydrochloride is a potent broad-spectrum arenavirus inhibitor; inhibits Guanarito, Junin, Lassa and Machupo virus with IC₅₀ values of 0.44, 0.62, 1.4 and 3.1 nM, respectively.</p> <p>Purity: 98.22%</p> <p>Clinical Data: No Development Reported</p> <p>Size: 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg</p> 