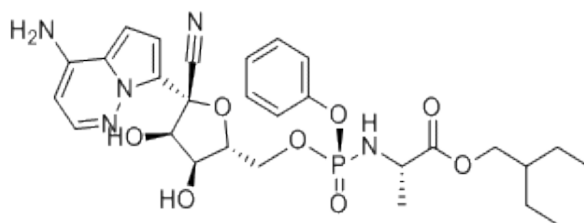


Data Sheet

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Global Supplier of Chemical Probes, Inhibitors & Agonists

Product Name :GS-5734
Cat.No. :URK-V1174
CAS No. :1809249-37-3
Molecular Formula :C₂₈H₃₆N₅O₈P
Molecular Weight :601.597
Target :Filovirus
Solubility :



Biological Activity

GS-5734 (Remdesivir) is a monophosphoramidate prodrug of adenosine analogue that exhibits antiviral activity against multiple variants of EBOV (EC₅₀=70-140 nM) and other filoviruses (EC₅₀=0.019-1.48 μM) in cell-based assays.

GS-5734 (Remdesivir) suppresses EBOV replication and protects 100% of EBOV-infected animals against lethal disease, ameliorating clinical disease signs and pathophysiological markers.

GS-5734 (Remdesivir) is highly effective in the control of SARS-CoV-2 (COVID-19) infection in vitro.

References

1. Warren TK, et al. Nature. 2016 Mar 17;531(7594):381-5.
2. Jacobs M, et al. Lancet. 2016 Jul 30;388(10043):498-503.
3. Siegel D, et al. J Med Chem. 2017 Mar 9;60(5):1648-1661.

Note: All products of Ureiko are only used for scientific research or drug certificate declaration, we do not provide products and services for any personal use!

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

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