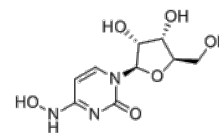


Product Name : EIDD-1931
Cat. No. : PC-72069
CAS No. : 3258-02-4
Molecular Formula : C₉H₁₃N₃O₆
Molecular Weight : 259.218
Target : SARS-CoV-2 Inhibitors
Solubility : 10 mM in DMOS



Biological Activity

EIDD-1931 (Beta-d-N4-hydroxycytidine, β-d-N4-hydroxycytidine, NHC) is an active metabolite of EIDD-2801 with broad-spectrum antiviral inhibitor of **SARS-CoV-2**.

EIDD-1931 displays broad spectrum antiviral activity against SARS-CoV-2, MERS-CoV, SARS-CoV, and related zoonotic group 2b or 2c Bat-CoVs with average IC₅₀ of 0.15 μM, as well as increased potency against a coronavirus bearing resistance mutations to the nucleoside analog inhibitor remdesivir.

References

Painter WP, et al. *Antimicrob Agents Chemother*. 2021 Mar 1;65(5):e02428-20.

Sheahan TP, et al. *Sci Transl Med*. 2020 Apr 29;12(541):eabb5883.

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

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