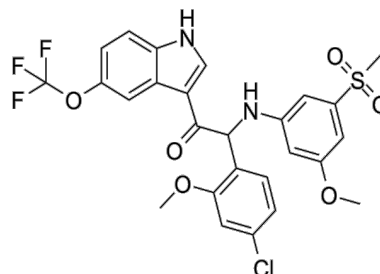


Data Sheet

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Global Supplier of Chemical Probes, Inhibitors & Agonists

Product Name : Mosnodenvir (Synonyms: JNJ-1802)
Cat.No. : URK-V2510
CAS No. : 2043343-94-6
Molecular Weight : 582.96
Molecular Formula : $C_{26}H_{22}ClF_3N_2O_6S$
Target :
Solubility :



Biological Activity

Mosnodenvir inhibits the proofreading activity of Nsp14, resulting in errors in the RNA sequence and preventing the virus from replicating effectively.

Mosnodenvir targets the Nsp14 enzyme and inhibits proofreading activity, preventing RNA viruses from replicating effectively.

References

1. Ivanov KA, Piubelli L, Frers J et al. Multiple enzymatic activities associated with severe acute respiratory syndrome coronavirus helicase. J Virol. 2004;78(11):5619-5632.
2. Ma Y, Wu L, Shaw N et al. Structural basis and functional analysis of the SARS coronavirus nsp14-nsp10 complex. Proc Natl Acad Sci USA. 2015;112(30):9436-9441.
3. Ning X, Luo M. SARS-CoV-2 nucleocapsid protein: a crucial effector for viral replication and host response [published correction appears in Sci China Life Sci. 2020 Sep;63(9):1503]. Sci China Life Sci. 2020;63(10):1623-1627 doi:10.1007/s11427-020-1741-2

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

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