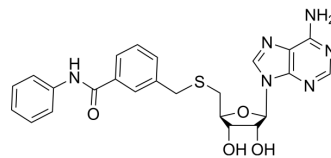


MTI013

Cat. No.:	HY-159890
Molecular Formula:	C ₂₄ H ₂₄ N ₆ O ₄ S
Molecular Weight:	492.55
Target:	SARS-CoV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	MTI013 is a selective SARS-CoV-2 nsp14 Mtase inhibitor (IC ₅₀ : 2.98 μM) and an antiviral agent (IC ₅₀ : 10.33 μM in HCoV-229E-infected Huh7 cells). MTI013 also shows a synergistic antiviral effect with the RdRp inhibitor SHEN26 (HY-155488) ^[1] .
IC ₅₀ & Target	IC ₅₀ : 2.98 μM (nsp14 Mtase) ^[1]

REFERENCES

[1]. Chen Q, et al. Identification of adenosine analogues as nsp14 N7-methyltransferase inhibitors for treating coronaviruses infection. Bioorg Chem. 2024 Oct 18;153:107894.

Caution: Product has not been fully validated for medical applications. For research use only.

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