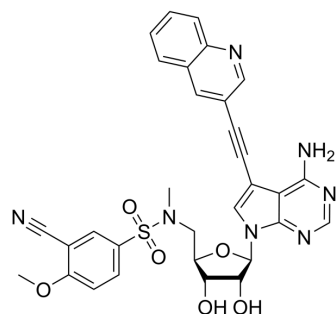


SARS-CoV-2 nsp14-IN-4

Cat. No.:	HY-155679
Molecular Formula:	C ₃₁ H ₂₇ N ₇ O ₆ S
Molecular Weight:	625.65
Target:	SARS-CoV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	SARS-CoV-2 nsp14-IN-4 (Compound 12q) is an inhibitor of SARS-CoV-2 nsp14 methyltransferase (IC ₅₀ =19 nM). SARS-CoV-2 nsp14-IN-4 is non-cytotoxic and cell-permeable. SARS-CoV-2 nsp14-IN-4 is used in COVID-19 research ^[1] .
IC ₅₀ & Target	IC ₅₀ : 19 nM (SARS-CoV-2 nsp14 methyltransferase) ^[1]
In Vitro	SARS-CoV-2 nsp14-IN-4 (5 μM, 60 min) shows excellent stability in microsomes, both mouse and human ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Štefek M, et al. Rational Design of Highly Potent SARS-CoV-2 nsp14 Methyltransferase Inhibitors. ACS Omega. 2023 Jul 21;8(30):27410-27418.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA