

HCoV-229E-IN-1

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	HCoV-229E-IN-1 is a potent inhibitor of HCoV-229E replication, demonstrating efficacy with EC50 values of 0.65 μ M in MTS cells and 0.6 μ M in CPE cells[1].
Targets(IC50)	Others,SARS-CoV
In vitro	HCoV-229E-IN-1 (compound 5h) inhibits HCoV-229E replication dose-dependently at 0.01-100 μ M and completely prevents double-stranded RNA intermediate formation at 12 μ M, associated with CoV RNA synthesis[1].

Reference

Stevaert A, et, al. Betulonic Acid Derivatives Interfering with Human Coronavirus 229E Replication via the nsp15 Endoribonuclease. J Med Chem. 2021 May 13;64(9):5632-5644.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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