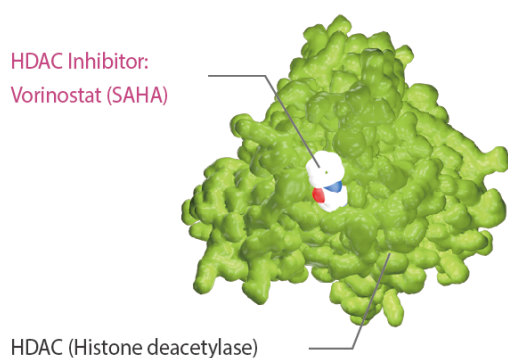


SARS-CoV

SARS coronavirus



SARS-CoV (SARS coronavirus) is the virus that causes severe acute respiratory syndrome (SARS). Coronaviruses encode papain-like proteases (PLpro) that are often multifunctional enzymes with protease activity to process the viral replicase polyprotein and deubiquitinating (DUB)/deISGylating activity, which is hypothesized to modify the innate immune response to infection.

SARS-CoV Inhibitors & Modulators

6-Thioguanine

(Thioguanine-2-Amino-6-purinethiol)

Cat. No.: HY-13765

Bioactivity: 6-Thioguanine (Thioguanine) is an anti-leukemia and immunosuppressant agent, acts as an inhibitor of SARS and MERS coronavirus papain-like proteases (**PLpros**) and also potently inhibits **USP2** activity, with **IC₅₀s** of 25 μ M and 40 μ M for

Purity: PLpros and recombinant human USP2, respectively. 98.0%

Clinical Data: Launched

Size: 10mM x 1mL in DMSO,
100 mg, 500 mg



PLpro inhibitor

Cat. No.: HY-17542

Bioactivity: PLpro inhibitor is a potent inhibitor of papain-like protease (PLpro) with IC₅₀ of 2.6 μ M.

Purity: >98%

Clinical Data: No Development Reported

Size: 10mM x 1mL in DMSO,
5 mg, 10 mg, 50 mg, 100 mg



Remdesivir

(GS-5734)

Cat. No.: HY-104077

Bioactivity: Remdesivir is a nucleoside analogue, with effective antiviral activity, with **EC₅₀s** of 74 nM for **ARS-CoV** and **MERS-CoV** in HAE cells, and 30 nM for **murine hepatitis virus** in delayed brain tumor cells.

Purity: 98.30%

Clinical Data: No Development Reported

Size: 10mM x 1mL in DMSO,
5 mg, 10 mg, 50 mg, 100 mg

