

SARS-CoV-2 Mpro-IN-13

Chemical Properties

CAS No. :

Formula: C₂₉H₄₁F₂N₅O₆S

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	SARS-CoV-2 Mpro-IN-13 (compound 20j) is a covalent inhibitor of the SARS-CoV-2 main protease (MPro) with an IC ₅₀ value of 19.0 nM and exhibits antiviral activity with an EC ₅₀ value of 138.1 nM.
Targets(IC ₅₀)	SARS-CoV
In vitro	SARS-CoV-2 Mpro-IN-13 inhibits the activity of Mpro with an IC ₅₀ of 19.0 nM. Additionally, it suppresses the replication of SARS-CoV-2 in HPAEpiC cells with an EC ₅₀ of 138.1 nM.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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