

SARS-CoV-2 Mpro-IN-43

Chemical Properties

CAS No. :

Formula: C32H41F3N2O4S2

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-43 (Compound 1) is an inhibitor of the coronavirus main protease (Mpro) with an IC50 of 72 μ M. It exerts its antiviral effects by interacting non-covalently with the key residues at the Mpro active site. This compound exhibits moderate to low cytotoxicity with CC50 values of 13.24, 41.02, and 42.26 μ M in HaCaT, HEK293T, and HepG2 cells, respectively. SARS-CoV-2 Mpro-IN-43 is applicable for SARS-CoV-2 research.
Targets(IC50)	SARS-CoV, Virus Protease

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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