

SARS-CoV-2 3CLpro-IN-29

Chemical Properties

CAS No. :

Formula: C₂₅H₂₂ClF₃N₈O₂

Molecular Weight: 558.94

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	3CLPro-IN-3 (Compound A36) is an inhibitor of SARS-CoV-2 3CLpro with an IC ₅₀ value of 51.3 nM. It exhibits antiviral activity against human coronaviruses 229E, OC43, and the murine coronavirus MHV.
Targets(IC ₅₀)	SARS-CoV, Virus Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7891 mL	8.9455 mL	17.891 mL
5 mM	0.3578 mL	1.7891 mL	3.5782 mL
10 mM	0.1789 mL	0.8946 mL	1.7891 mL
50 mM	0.0358 mL	0.1789 mL	0.3578 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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