

SARS-CoV-2 3CLpro-IN-11

Chemical Properties

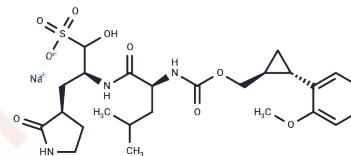
CAS No. :

Formula: C₂₅H₃₆N₃NaO₉S

Molecular Weight: 577.62

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 3CLpro-IN-11(11d) is a broad-spectrum antiviral compound that inhibits the SARS-CoV-2 3CL protease with an IC ₅₀ of 140 nM, and also exhibits inhibitory activity against SARS-CoV-1 and MERS-CoV with IC ₅₀ values of 240 nM and 70 nM, respectively.
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7312 mL	8.6562 mL	17.3124 mL
5 mM	0.3462 mL	1.7312 mL	3.4625 mL
10 mM	0.1731 mL	0.8656 mL	1.7312 mL
50 mM	0.0346 mL	0.1731 mL	0.3462 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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