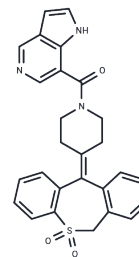


NZ-804

Chemical Properties

CAS No. : 2858658-44-1
 Formula: C₂₇H₂₃N₃O₃S
 Molecular Weight: 469.56
 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	NZ-804 is an orally active inhibitor of the SARS-CoV-2 main protease (Mpro) with an IC ₅₀ of 8.9 nM. It inhibits replication of SARS-CoV-2 in HeLa-hACE2 cells, showing an EC ₅₀ of 14 nM. NZ-804 exhibits broad-spectrum antiviral activity against various CoVs and decreases viral replication in mice and hamster models.
Targets(IC ₅₀)	SARS-CoV, Virus Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1297 mL	10.6483 mL	21.2965 mL
5 mM	0.4259 mL	2.1297 mL	4.2593 mL
10 mM	0.213 mL	1.0648 mL	2.1297 mL
50 mM	0.0426 mL	0.213 mL	0.4259 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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