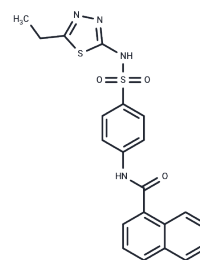


SARS-CoV-2-IN-120

Chemical Properties

CAS No. :	308293-08-5
Formula:	C ₂₁ H ₁₈ N ₄ O ₃ S ₂
Molecular Weight:	438.52
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-IN-120 (Compound S22) is a targeted inhibitor that prevents SARS-CoV-2 from entering cells. It binds to and accumulates within the cavity at the apex of the SARS-CoV-2 spike protein trimer, blocking the interaction between the RBD and ACE2. This compound is capable of neutralizing the BA.2 as well as subsequent Omicron variants and can suppress SARS-CoV-2 replication in mice.
Targets(IC50)	SARS-CoV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2804 mL	11.402 mL	22.804 mL
5 mM	0.4561 mL	2.2804 mL	4.5608 mL
10 mM	0.228 mL	1.1402 mL	2.2804 mL
50 mM	0.0456 mL	0.228 mL	0.4561 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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