

P315V3

Chemical Properties

CAS No. :

Formula: C241H407N59O80S

Molecular Weight: 5443.22

Keep away from moisture

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	P315V3 is a generic inhibitor of coronaviruses (coronavirus) that effectively suppresses the SARS-CoV-2 prototype PT, Delta, BA.1, and BA.4 strains with IC50 values of 10.9, 8.9, 8.6, and 2.7 nM, respectively. It exhibits cytotoxicity in Vero cells with a CC50 of 4.3 μ M and demonstrates anti-infective activity in mouse models.
Targets(IC50)	SARS-CoV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.1837 mL	0.9186 mL	1.8371 mL
5 mM	0.0367 mL	0.1837 mL	0.3674 mL
10 mM	0.0184 mL	0.0919 mL	0.1837 mL
50 mM	0.0037 mL	0.0184 mL	0.0367 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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