

SP-471

Chemical Properties

CAS No. :

Formula: C₃₃H₂₆BrN₅

Molecular Weight: 572.5

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	SP-471 is a potent inhibitor of dengue virus (DENV) protease (IC ₅₀ : 18 μM) and inhibits the inter- and intramolecular protease processes of DENV.
Targets(IC ₅₀)	Anti-infection,Others,Virus Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7467 mL	8.7336 mL	17.4672 mL
5 mM	0.3493 mL	1.7467 mL	3.4934 mL
10 mM	0.1747 mL	0.8734 mL	1.7467 mL
50 mM	0.0349 mL	0.1747 mL	0.3493 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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