

NPI52

Chemical Properties

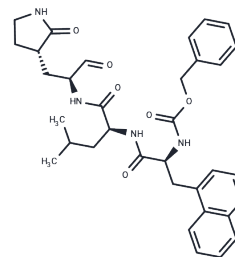
CAS No. : 1429218-68-7

Formula: C34H40N4O6

Molecular Weight: 600.7

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	NPI52 (Compound E1) is an inhibitor of foot-and-mouth disease virus 3C protease (FMDV 3Cpro), with IC50 values of 0.05 μ M in FRET assays and 0.11 μ M in cell-based assays [1].
Targets(IC50)	Others,Virus Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6647 mL	8.3236 mL	16.6472 mL
5 mM	0.3329 mL	1.6647 mL	3.3294 mL
10 mM	0.1665 mL	0.8324 mL	1.6647 mL
50 mM	0.0333 mL	0.1665 mL	0.3329 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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