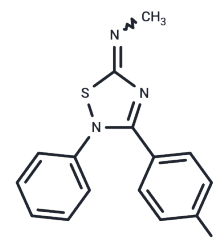


## Antiviral agent 25

## Chemical Properties

CAS No. :	2761367-25-1
Formula:	C15H12FN3S
Molecular Weight:	285.34
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	Antiviral agent 25 (compound 6g), a novel non-peptide analog covalent inhibitor of SARS-CoV-2 3CL pro, exhibits robust inhibitory activity against both SARS-CoV-2 3CL pro and SARS-CoV-2 PL pro, with IC50 values of 0.118 $\mu$ M and 0.448 $\mu$ M, respectively. Furthermore, it demonstrates significant antiviral effects against SARS-CoV-2, achieving an EC50 value of 7.249 $\mu$ M [1].
Targets(IC50)	Others,SARS-CoV

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5046 mL	17.523 mL	35.0459 mL
5 mM	0.7009 mL	3.5046 mL	7.0092 mL
10 mM	0.3505 mL	1.7523 mL	3.5046 mL
50 mM	0.0701 mL	0.3505 mL	0.7009 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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