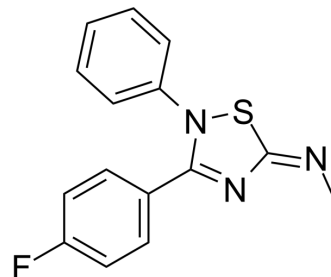


## Antiviral agent 25

Cat. No.:	HY-152589
CAS No.:	2761367-25-1
Molecular Formula:	C <sub>15</sub> H <sub>12</sub> FN <sub>3</sub> S
Molecular Weight:	285.34
Target:	SARS-CoV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Antiviral agent 25 (compound 6g) is a new non-peptide analog covalent inhibitor of SARS-CoV-2 3CL <sup>PRO</sup> . Antiviral agent 25 has a strong inhibitory effect on SARS-CoV-2 3CL <sup>PRO</sup> and SARS-CoV-2 PL <sup>PRO</sup> with IC <sub>50</sub> values of 0.118 μM, 0.448 μM, respectively. Antiviral agent 25 has antiviral effect on SARS-CoV-2 with an EC <sub>50</sub> value of 7.249 μM <sup>[1]</sup> .	
IC <sub>50</sub> & Target	SARS-CoV-2 3CL <sup>PRO</sup> 0.118 μM (IC <sub>50</sub> )	SARS-CoV-2 PL <sup>PRO</sup> 0.448 μM (IC <sub>50</sub> )

### REFERENCES

[1]. Ren P, et al. Discovery, synthesis and mechanism study of 2,3,5-substituted [1,2,4]-thiadiazoles as covalent inhibitors targeting 3C-Like protease of SARS-CoV-2. Eur J Med Chem. 2023 Jan 18;249:115129.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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