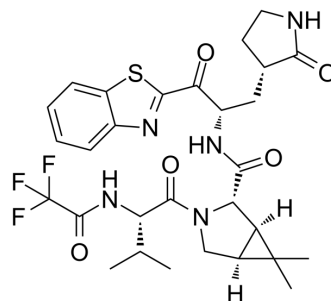


## SARS-CoV-2-IN-35

<b>Cat. No.:</b>	HY-148387
<b>CAS No.:</b>	2757763-47-4
<b>Molecular Formula:</b>	C <sub>29</sub> H <sub>34</sub> F <sub>3</sub> N <sub>5</sub> O <sub>5</sub> S
<b>Molecular Weight:</b>	621.67
<b>Target:</b>	SARS-CoV
<b>Pathway:</b>	Anti-infection
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	SARS-CoV-2-IN-35 is a potent and orally active SARS-CoV-2 M <sup>pro</sup> inhibitor with a K <sub>i</sub> value of 12.1 nM. SARS-CoV-2-IN-35 can be used in research of COVID-19 <sup>[1]</sup> .	
<b>In Vivo</b>	SARS-CoV-2-IN-35 (compound 5; 10 mg/kg; p.o.) has good oral utilization in Wistar-Han rats <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	
	Animal Model:	Wistar-Han rats <sup>[1]</sup>
	Dosage:	10 mg/kg
	Administration:	Oral administration
	Result:	Had oral F of 33 %.

### REFERENCES

[1]. Owen DR, et, al. An oral SARS-CoV-2 M<sup>pro</sup> inhibitor clinical candidate for the treatment of COVID-19. Science. 2021 Dec 24;374(6575):1586-1593.

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

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