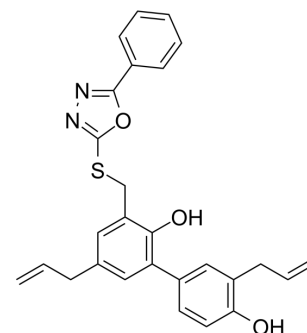


## SARS-CoV-2-IN-22

Cat. No.:	HY-146157
CAS No.:	2710278-53-6
Molecular Formula:	C <sub>27</sub> H <sub>24</sub> N <sub>2</sub> O <sub>3</sub> S
Molecular Weight:	456.56
Target:	SARS-CoV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	SARS-CoV-2-IN-22 is a SARS-CoV-2 pseudovirus entry inhibitor with an IC <sub>50</sub> value of 16.96 μM <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	IC <sub>50</sub> : 16.96 μM (SARS-CoV-2) <sup>[1]</sup>
<b>In Vitro</b>	SARS-CoV-2-IN-22 (Compound 9a) effectively blocks the binding of SARS-CoV-2 to the host ACE2 receptor through dual recognition of SARS-CoV-2 spike receptor-binding domain (RBD) and human ACE2. SARS-CoV-2-IN-2 displays no cytotoxicity to normal cells (LO <sub>2</sub> ) <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Ting Xu, et al. Discovery of honokiol thioethers containing 1,3,4-oxadiazole moieties as potential α-glucosidase and SARS-CoV-2 entry inhibitors. *Bioorg Med Chem.* 2022 Aug 1;67:116838.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA