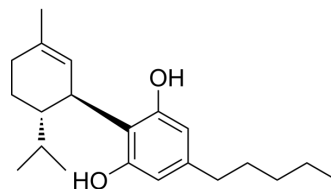


## Antiviral agent 46

Cat. No.:	HY-161070
CAS No.:	877660-90-7
Molecular Formula:	C <sub>21</sub> H <sub>32</sub> O <sub>2</sub>
Molecular Weight:	316.48
Target:	SARS-CoV; Angiotensin-converting Enzyme (ACE)
Pathway:	Anti-infection; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Antiviral agent 46 (compound 4) is a derivative of cannabidiol (CBD) with anti-SARS-CoV-2 (IC <sub>50</sub> : 1.90 μM) and ACE2 activity (IC <sub>50</sub> : 1.37 μM) <sup>[1]</sup> .
IC <sub>50</sub> & Target	1.37 μM (ACE2), 1.90 μM (SARS-CoV-2) <sup>[1]</sup>

### REFERENCES

[1]. Marques GVL, et al. Synthesis of cannabidiol-based compounds as ACE2 inhibitors with potential application in the treatment of COVID-19. Eur J Med Chem. 2023 Nov 15;260:115760

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

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