SARS-CoV-2 3CLpro-IN-23

Cat. No.: HY-157966

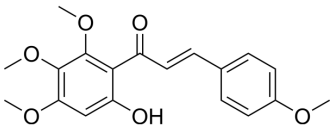
Molecular Formula: $C_{19}H_{20}O_6$

Molecular Weight: 344.36

Target: SARS-CoV

Pathway: Anti-infection

Storage: Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

SARS-CoV-2 3CLpro-IN-23 (Compound Cd3) is a compound that can be isolated from Citrus depressa. SARS-CoV-2 3CLpro-IN-23 has good inhibitory activity to the SARS-CoV-2 spike protein, with K_D of 0.79 μM. SARS-CoV-2 3CLpro-IN-23 can bind to key amino acid residue, disrupting the formation of the spike protein and h-ACE2 complex[1].

REFERENCES

[1]. Liu TW, et al. Polymethoxyflavone from Citrus depressa as an inhibitor against various variants of SARS-CoV-2 spike protein. J Ethnopharmacol. 2024 Feb 10;320:117412.

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