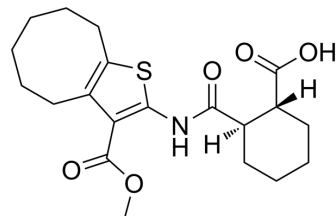


## MDOLL-0229

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-161114   |
| Molecular Formula: | C <sub>20</sub> H <sub>27</sub> NO <sub>5</sub> S   |
| Molecular Weight:  | 393.5   |
| Target:            | SARS-CoV  |
| Pathway:           | Anti-infection  |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



## BIOLOGICAL ACTIVITY

### Description

MDOLL-0229 (compound 27) is an antiviral agent that targets SARS-CoV-2 Mac1 and repress coronavirus replication. MDOLL-0229 inhibits SARS-CoV-2 Mac1 with an IC<sub>50</sub> of 2.1 μM<sup>[1]</sup>.

## REFERENCES

[1]. Sarah Wazir, et al. Discovery of 2-amide-3-methylester thiophenes that target SARS-CoV-2 Mac1 and repress coronavirus replication, validating Mac1 as an anti-viral target. bioRxiv. December 27, 2023.

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

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