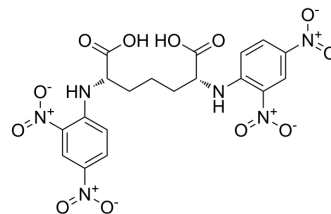


## NSC89641

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-155136   |
| Molecular Formula: | C <sub>19</sub> H <sub>18</sub> N <sub>6</sub> O <sub>12</sub>                            |
| Molecular Weight:  | 522.38  |
| Target:            | SARS-CoV  |
| Pathway:           | Anti-infection  |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



## BIOLOGICAL ACTIVITY

### Description

NSC89641 inhibits MERS-CoV M<sup>Pro</sup>, with an IC<sub>50</sub> value < 3.5 μM. NSC89641 exhibits the high inhibitory potency against SARS-CoV-2 M<sup>Pro</sup> enzymatic activity, with an IC<sub>50</sub> of 3.05 μM<sup>[1]</sup>.

## REFERENCES

[1]. Chang YJ, et al. Combining virtual screening with cis-/trans-cleavage enzymatic assays effectively reveals broad-spectrum inhibitors that target the main proteases of SARS-CoV-2 and MERS-CoV. *Antiviral Res.* 2023 Aug;216:105653.

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

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