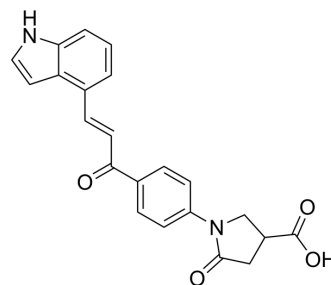


SARS-CoV-2-IN-65

Cat. No.:	HY-156441
Molecular Formula:	C ₂₂ H ₁₈ N ₂ O ₄
Molecular Weight:	374.39
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-IN-65 (compound 2f (81)) is a potent, orally active and reversible SARS-CoV-2 entry inhibitor. SARS-CoV-2-IN-65 inhibits the pseudovirus entry in a ACE2-dependent pathway, via mainly inhibiting RBD:ACE2 interaction and TMPRSS2 activity in Calu-3 cells^[1].

REFERENCES

[1]. Srinivasa Rao Palla, et al. Synthesis, evaluation, and mechanism of 1-(4-(arylethyl)carbonyl)phenyl)-4-carboxy-2-pyrrolidinones as potent reversible SARS-CoV-2 entry inhibitors. Antiviral Res. 2023 Oct 18;219:105735.

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

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