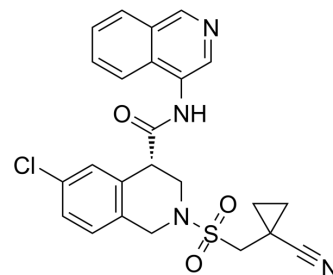


MAT-POS-e194df51-1

Cat. No.:	HY-157154
CAS No.:	2765433-05-2
Molecular Formula:	C ₂₄ H ₂₁ ClN ₄ O ₃ S
Molecular Weight:	480.97
Target:	SARS-CoV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

MAT-POS-e194df51-1 is an orally active, non-covalent and non-peptide SARS-CoV-2 main protease (M^{Pro}) inhibitor with an IC₅₀ value of 37nM. MAT-POS-e194df51-1 is cytotoxic with EC₅₀ values of 64 nM and 126 nM in A549-ACE2-TMPRSS2 cells and HeLa -ACE2 cells, respectively^[1].

REFERENCES

[1]. Boby ML, et al. Open science discovery of potent noncovalent SARS-CoV-2 main protease inhibitors. Science. 2023 Nov 10;382(6671):eabo7201.

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

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