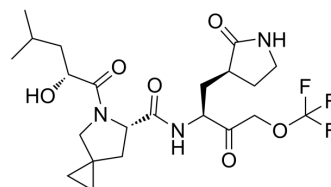


CMX990

Cat. No.:	HY-149767
CAS No.:	2882934-64-5
Molecular Formula:	C ₂₂ H ₃₂ F ₃ N ₃ O ₆
Molecular Weight:	491.5
Target:	SARS-CoV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	CMX990 is a SARS-CoV-2 3CL protease inhibitor. The EC90s for inhibiting SARS-CoV-2 were 9.6 nM and 101 nM in human bronchial epithelial cells (HBECs) and HeLa-ACE2 cells, respectively. CMX990 has good ADME and pharmacokinetic properties ^[1] .
IC ₅₀ & Target	SARS-CoV-2 ^[1]

REFERENCES

[1]. Zhang FM et al. Discovery of highly potent covalent SARS-CoV-2 3CLpro inhibitors bearing 2-sulfoxyl-1,3,4-oxadiazole scaffold for combating COVID-19. Eur J Med Chem. 2023 Nov 15;260:115721.

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

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