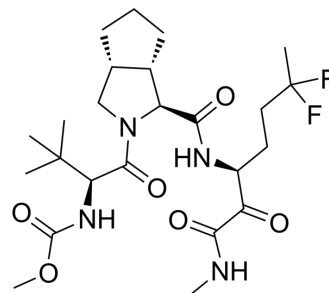


MK-7845

Cat. No.:	HY-157778
CAS No.:	2952554-69-5
Molecular Formula:	C ₂₄ H ₃₈ F ₂ N ₄ O ₆
Molecular Weight:	516.58
Target:	SARS-CoV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	MK-7845 is a reversible covalent SARS-CoV-2 3CL protease inhibitor with an IC ₅₀ of 8.7 nM ^[1] .
IC ₅₀ & Target	IC ₅₀ : 8.7 nM (3CLPro) ^[1]

REFERENCES

[1]. Valerie W Shurtleff, et al. Invention of MK-7845, a SARS-CoV-2 3CL Protease Inhibitor Employing a Novel Difluorinated Glutamine Mimic. J Med Chem. 2024 Feb 16.

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

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