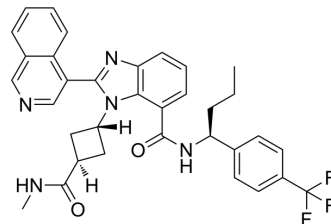


CDD-1733

Cat. No.:	HY-155143
CAS No.:	2894104-33-5
Molecular Formula:	C ₃₄ H ₃₂ F ₃ N ₅ O ₂
Molecular Weight:	599.65
Target:	SARS-CoV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	CDD-1733 is a non-covalent and non-peptide potent SARS-CoV-2 Mpro inhibitor with a K _i of 12 nM. CDD-1733 also inhibits Δ P168, A173V, and ΔP168/A173V Mpro variants ^[1] .
IC ₅₀ & Target	Ki: 12 nM (SARS-CoV-2 Mpro) ^[1]

REFERENCES

[1]. Ravikummar Jimmidi, et al. DNA-encoded chemical libraries yield non-covalent and non-peptidic SARS-CoV-2 main protease inhibitors. *Commun Chem.* 2023 Aug 4;6(1):164.

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

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