Product Data Sheet

CDD-1819

Cat. No.:HY-155142CAS No.:2894104-40-4Molecular Formula: $C_{35}H_{31}N_5O_2$ Molecular Weight:553.65Target:SARS-CoVPathway:Anti-infection

Storage: Please store the product under the recommended conditions in the Certificate of

Analysis.

BIOLOGICAL ACTIVITY

Description	CDD-1819 is a non-covalent and non-peptide potent SARS-CoV-2 Mpro inhibitor with a K_i of 5 nM. CDD-1819 also inhibits Δ P168, A173V, and Δ P168/A173V Mpro variants ^[1] .
IC ₅₀ & Target	Ki: 5 nM (SARS-CoV-2 Mpro) ^[1]

REFERENCES

[1]. Ravikumar 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA