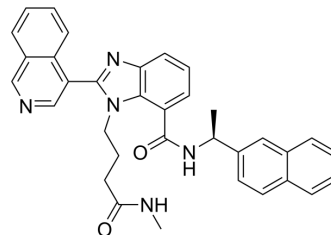


CDD-1845

| | |
|--------------------|---|
| Cat. No.: | HY-155144 |
| CAS No.: | 2894104-50-6 |
| Molecular Formula: | C ₃₄ H ₃₁ N ₅ O ₂ |
| Molecular Weight: | 541.64 |
| Target: | SARS-CoV |
| Pathway: | Anti-infection |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|---------------------------|---|
| Description | CDD-1845 is a non-covalent and non-peptide potent SARS-CoV-2 Mpro inhibitor with a K _i of 3 nM. CDD-1845 also inhibits Δ P168, A173V, and ΔP168/A173V Mpro variants ^[1] . |
| IC ₅₀ & Target | Ki: 3 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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