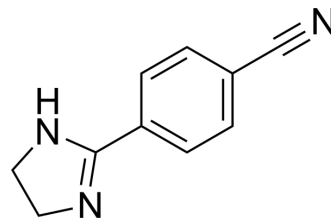


SARS-CoV-2-IN-59

Cat. No.:	HY-W348072
CAS No.:	850786-33-3
Molecular Formula:	C ₁₀ H ₉ N ₃
Molecular Weight:	171.2
Target:	SARS-CoV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	SARS-CoV-2-IN-59 (compound E07), an imidazoline derivative, is a non-peptide small molecule inhibitor of SARS-CoV-2 that targets the main protease (Mpro) of the coronavirus. SARS-CoV-2-IN-59 has a strong interaction with residues on Mpro (Met 165, Gln 166, Met 165, His 41, Gln 189) ^[1] .
IC ₅₀ & Target	SARS-CoV-2 ^[1]

REFERENCES

[1]. Azimi S, et al. Green and rapid and instrumental one-pot method for the synthesis of imidazolines having potential anti-SARS-CoV-2 main protease activity. Sustain Chem Pharm. 2023 Sep;34:101136..

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

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