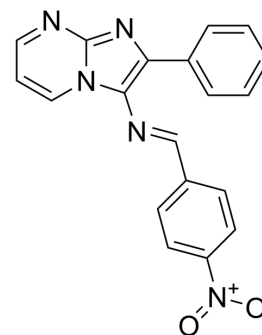


hACE2/SP-IN-1

Cat. No.:	HY-161068
Molecular Formula:	C ₁₉ H ₁₃ N ₅ O ₂
Molecular Weight:	343.34
Target:	SARS-CoV; Angiotensin-converting Enzyme (ACE)
Pathway:	Anti-infection; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	hACE2/SP-IN-1 (compound 7a) is a dual inhibitor of hACE2 and coronavirus spike protein. hACE2/SP-IN-1 can bind to the spike protein and block cell entry, preventing SARS-CoV-2 from infecting human cells ^[1] .
IC ₅₀ & Target	hACE2, SARS-CoV-2 ^[1]

REFERENCES

[1]. Azzouzi M, et al. Design, synthesis, and computational studies of novel imidazo[1,2-a]pyrimidine derivatives as potential dual inhibitors of hACE2 and spike protein for blocking SARS-CoV-2 cell entry. J Mol Struct. 2023 Aug 5;1285:135525.

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

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