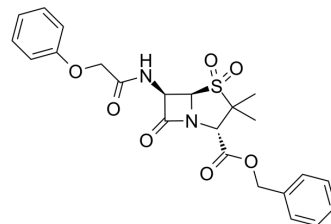


SARS-CoV-2-IN-21

Cat. No.:	HY-147516
CAS No.:	89971-88-0
Molecular Formula:	C ₂₃ H ₂₄ N ₂ O ₇ S
Molecular Weight:	472.51
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-21 (compound 10), a penicillin sulfone benzyl C6 derivative, is a potent SARS-CoV-2 main protease inhibitor, with an IC ₅₀ of 5.3 μM. SARS-CoV-2-IN-21 can be used for COVID-19 research ^[1] .
IC ₅₀ & Target	IC ₅₀ : 5.3 ± 3.3 μM (SARS-CoV-2 main protease) ^[1]

REFERENCES

[1]. Malla TR, et al. Penicillin Derivatives Inhibit the SARS-CoV-2 Main Protease by Reaction with Its Nucleophilic Cysteine. J Med Chem. 2022 May 12;acs.jmedchem.1c02214.

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

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