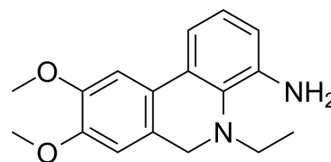


SARS-CoV-2-IN-16

Cat. No.:	HY-143417
CAS No.:	2761911-40-2
Molecular Formula:	C ₁₇ H ₂₀ N ₂ O ₂
Molecular Weight:	284.35
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-16 (Compound 12) is a potent SARS-CoV-2 nucleocapsid protein (NPro) inhibitor. SARS-CoV-2-IN-16 exhibits potent anti-viral activity with the EC₅₀ of 3.69 μM. SARS-CoV-2-IN-16 binds to NPro with the low K_D value of 7.82 μM, suggesting that SARS-CoV-2-IN-16 is a potent NPro ligand^[1].

REFERENCES

[1]. Yi-Ting Wang, et al. Novel nucleocapsid protein-targeting phenanthridine inhibitors of SARS-CoV-2. *Eur J Med Chem.* 2022 Jan 5;227:113966.

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

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