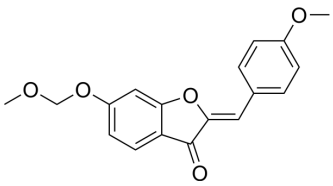
SARS-CoV-2-IN-44

Cat. No.:	HY-155014
CAS No.:	1311271-71-2
Molecular Formula:	$C_{18}H_{16}O_5$
Molecular Weight:	312.32
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-44, a inhibitor of SARS-CoV-2, inhibits viral replication, with an EC_{50} of 0.6μM. SARS-CoV-2-IN-44 has no evident cytotoxic effect in Calu-3 cells and can be used for antiviral research[1].
In Vitro	SARS-CoV-2-IN-44 (Compound 8m) (0-250 μM; 72 hours) has no evident cytotoxic effect and shows low toxicity in Calu-3 cells at 250 μM[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only. Cell Cytotoxicity Assay[1]

Cell Line:	Calu-3 cells
Concentration:	0-250 μM
Incubation Time:	72 hours
Result:	Had no evident cytotoxic effect and shows low toxicity in Calu-3 cells at 250 μM

REFERENCES

[1]. Caleffi GS, et.al. Aurones: A Promising Scaffold to Inhibit SARS-CoV-2 Replication. J Nat Prod. 2023 Jun 23;86(6):1536-1549.

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