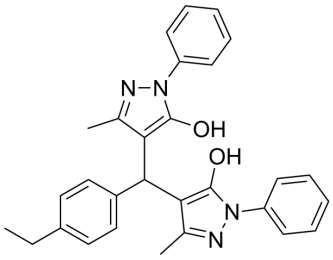
SARS-CoV-2-IN-31

Cat. No.:	HY-151474
CAS No.:	1017691-52-9
Molecular Formula:	$C_{29}H_{28}N_4O_2$
Molecular Weight:	464.56
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-31 is an effective COVID-19 inhibitor. SARS-CoV-2-IN-31 exhibits excellent to mild activity against various cancer cell lines with IC_{50} values range from 28.84 to 38.36 μM. SARS-CoV-2-IN-31 can be used for the research of cancer[1].
IC_{50} & Target	IC50: 38.36 μM (MCF-7); 38.46 μM (MDA-MB-231); 28.84 μM (HeLa); 30.62 μM (PC-3); ⊠40 μM (Ishikawa)[1]
In Vitro	SARS-CoV-2-IN-31 exhibits antiproliferative activity in five different human cancer cell lines with IC_{50} values of 38.36 μM (MCF-7), 38.46 μM (MDA-MB-231), 28.84 μM (HeLa), 30.62 μM (PC-3) and ⊠40 μM (Ishikawa), respectively[1]. SARS-CoV-2-IN-31 shows comparatively high binding affinity with value of -8.3 Kcal/mole[1] MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Anamika Gupta, et al. Visible Light-Promoted Green and Sustainable Approach for One-Pot Synthesis of 4,4'-(Arylmethylene)bis(1H-pyrazol-5-ols), In Vitro Anticancer Activity, and Molecular Docking with Covid-19 Mpro. ACS Omega 2022.

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