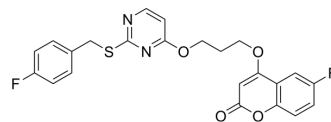


## SARS-CoV-2-IN-53

Cat. No.:	HY-155097
Molecular Formula:	C <sub>23</sub> H <sub>18</sub> F <sub>2</sub> N <sub>2</sub> O <sub>4</sub> S
Molecular Weight:	456.46
Target:	SARS-CoV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

ARS-CoV-2-IN-53 (Compd 5d) can inhibit the replication of SARS-CoV-2 with an EC<sub>50</sub> value of 14.3 μM. ARS-CoV-2-IN-5 shows significant antiviral activity against human coronavirus 229E (HCoV-229E)<sup>[1]</sup>.

### REFERENCES

[1]. Divakar Vishwanath, et al. Discovery of Hybrid Thiouracil-Coumarin Conjugates as Potential Novel Anti-SARS-CoV-2 Agents Targeting the Virus's Polymerase "RdRp" as a Confirmed Interacting Biomolecule. ACS Omega. 2023 Jul 14;8(30):27056-27066.

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

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