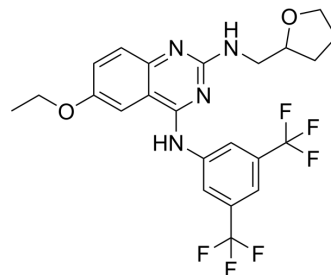


HCoV-OC43-IN-1

Cat. No.:	HY-156346
CAS No.:	2809363-81-1
Molecular Formula:	C ₂₃ H ₂₂ F ₆ N ₄ O ₂
Molecular Weight:	500.44
Target:	SARS-CoV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

HCoV-OC43-IN-1 (Compound IV-16) is a coronavirus HCoV-OC43 inhibitor. HCoV-OC43-IN-1 has antiviral efficacy (EC₅₀: 90 nM). HCoV-OC43-IN-1 inhibits the mRNA level and expression of viral nucleocapsid protein (NP)^[1].

REFERENCES

[1]. Zhou S, et al. Design, synthesis, and structure-activity relationships of a novel class of quinazoline derivatives as coronavirus inhibitors. *Eur J Med Chem.* 2023 Sep 25;261:115831.

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

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