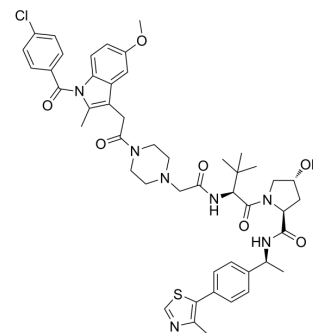


PROTAC SARS-CoV-2 Mpro degrader-2

Cat. No.:	HY-157805
Molecular Formula:	C ₄₈ H ₅₆ ClN ₇ O ₇ S
Molecular Weight:	910.52
Target:	PROTACs; SARS-CoV
Pathway:	PROTAC; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

PROTAC SARS-CoV-2 Mpro degrader-2 (Compound 6) is a potent PROTAC degrader of SARS-CoV-2 M^{Pro}. PROTAC SARS-CoV-2 Mpro degrader-2 has broad-spectrum antiviral activity against CoVs, including SARS-CoV-2 (EC₅₀ = 10.8 μM), HCoV-OC43 (EC₅₀ = 1.6 μM) and HCoV-229E (EC₅₀ = 6.5 μM). PROTAC SARS-CoV-2 Mpro degrader-2 exhibits potent activity against SARS-CoV-2 in Calu-3 cells, with an EC₅₀ of 0.89 μM^[1].

REFERENCES

[1]. Desantis J, et al. Design, synthesis, and biological evaluation of first-in-class indomethacin-based PROTACs degrading SARS-CoV-2 main protease and with broad-spectrum antiviral activity. *Eur J Med Chem.* 2024 Feb 6;268:116202.

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

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