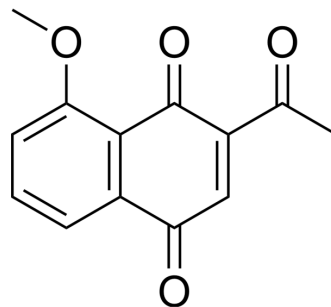


SARS-CoV MPro-IN-2

Cat. No.:	HY-N144101
CAS No.:	81418-42-0
Molecular Formula:	C ₁₃ H ₁₀ O ₄
Molecular Weight:	230.22
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 MPro-IN-2 (compound 15) is a potent inhibitor of SARS-CoV-2 M^{Pro} with an IC₅₀ value of 72.07 nM. The main protease (M^{Pro}) of the virus as the major enzyme processing viral polyproteins contributes to the replication and transcription of SARS-CoV-2 in host cells, and has been characterized as an attractive target in agent discovery. SARS-CoV MPro-IN-2 has the potential for the research of COVID-19^[1].

REFERENCES

[1]. Cui J, et al. Discovery of juglone and its derivatives as potent SARS-CoV-2 main proteinase inhibitors. *Eur J Med Chem.* 2021;225:113789.

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

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