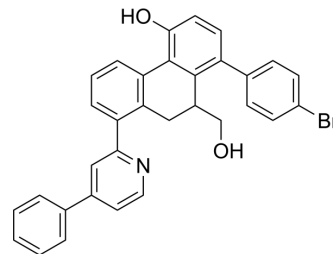


3CPLro-IN-2

Cat. No.:	HY-144263
CAS No.:	2758278-51-0
Molecular Formula:	C ₃₂ H ₂₄ BrNO ₂
Molecular Weight:	534.44
Target:	SARS-CoV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

3CPLro-IN-2 (compound C1) is a potent and orally active inhibitor of SARS-CoV-2 3CLpro with an IC₅₀ and K_i of 1.55 and 6.09 μM, respectively. 3-Chymotrypsin-like cysteine protease (3CLpro) is an indispensable protein in viral replication and represents an attractive agent target for fighting COVID-19^[1].

REFERENCES

[1]. Zhang JW, et al. Discovery of 9,10-dihydrophenanthrene derivatives as SARS-CoV-2 3CLpro inhibitors for treating COVID-19. *Eur J Med Chem.* 2022;228:114030.

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

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