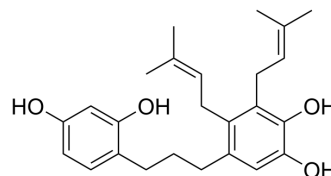


Kazinol F

Cat. No.:	HY-113732
CAS No.:	104494-35-1
Molecular Formula:	C ₂₅ H ₃₂ O ₄
Molecular Weight:	396.52
Target:	SARS-CoV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Kazinol F is a polyphenol from <i>Broussonetia papyrifera</i> . Kazinol F also is an effective Mpro inhibitor. Kazinol F has interaction with both the catalytic residues (His41 and Cys145) of Mpro and exhibits good binding affinity. Kazinol F can be used for the research of COVID-19 ^[1] .
In Vitro	Kazinol F has interaction with both the catalytic residues (His41 and Cys145) of Mpro and exhibits good binding affinity (-8.1kcal/mol) ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Ghosh, Rajesh et al. Identification of polyphenols from *Broussonetia papyrifera* as SARS CoV-2 main protease inhibitors using in silico docking and molecular dynamics simulation approaches. *J Biomol Struct Dyn*. vol. 39,17 (2021): 6747-6760.

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

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