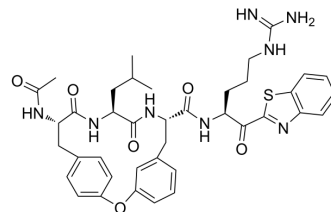


VD5123

Cat. No.:	HY-161371
Molecular Formula:	C ₃₉ H ₄₆ N ₈ O ₆ S
Molecular Weight:	754.9
Target:	Ser/Thr Protease
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

VD5123 is a serine protease inhibitor. VD5123 inhibits TMPRSS2, HGFA, matriptase, hepsin with IC₅₀s of 15, 3980, 140, 37 nM respectively. VD5123 can be used for antiviral research, such as SARS-CoV-2 and broad panel of coronaviruses and influenza viruses^[1].

REFERENCES

[1]. Damalanka VC, et al. Mechanism-Based Macrocyclic Inhibitors of Serine Proteases. J Med Chem. 2024 Mar 13.

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

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