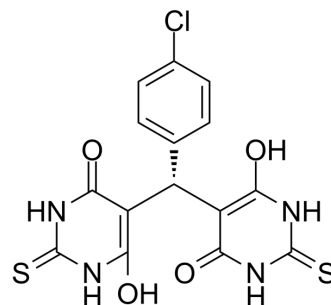


FWM-1

Cat. No.:	HY-144800
Molecular Formula:	C ₁₅ H ₁₁ ClN ₄ O ₄ S ₂
Molecular Weight:	410.86
Target:	SARS-CoV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	FWM-1 is a potent SARS-COV-2 NSP13 helicase enzyme inhibitor with binding free energy equals -328.6 kcal/mol. FWM-1 effectively disrupts the binding of ATP to the SARS-COV2 helicase enzyme ^[1] .
IC ₅₀ & Target	NSP13 ^[1] .

REFERENCES

[1]. El Hassab MA, et al. Multi-stage structure-based virtual screening approach towards identification of potential SARS-CoV-2 NSP13 helicase inhibitors. J Enzyme Inhib Med Chem. 2022 Dec;37(1):563-572.

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

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