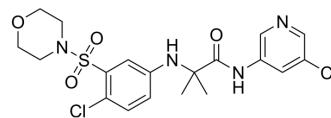


WJM-715

Cat. No.:	HY-161384
Molecular Formula:	C ₁₉ H ₂₂ Cl ₂ N ₄ O ₄ S
Molecular Weight:	473.37
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	WJM-715 is an antimalarial agent with an EC ₅₀ of 0.015 μM by targeting STAR-related lipid transfer protein (PfSTAR1) with a K _D of 14 nM ^[1] .
In Vitro	WJM-715 improves the aqueous solubility at pH 7.4 to 60 μM and the metabolic stability in rats hepatocytes to 68 μL/min/10 ⁶ cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.
In Vivo	WJM-715 (50 mg/kg, p.o.) reveals a pharmacokinetic evaluation with a half-time of 5.9 hours in swiss outbred mice ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Nguyen W, et al., Activity refinement of aryl amino acetamides that target the P. falciparum STAR-related lipid transfer 1 protein. Eur J Med Chem. 2024 Mar 25;270:116354.

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

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