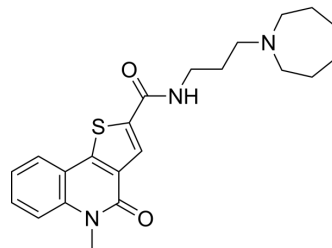


MMV019313

Cat. No.:	HY-113752
CAS No.:	902630-14-2
Molecular Formula:	C ₂₂ H ₂₇ N ₃ O ₂ S
Molecular Weight:	397.53
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	MMV019313 is a potent, non-bisphosphonate inhibitor of farnesyl/geranylgeranyl diphosphate synthase (FPPS/GGPPS) with an IC ₅₀ of 0.82 μM. MMV019313 has activity against <i>P. falciparum</i> (Parasite) ^[1] .
In Vitro	MMV019313 potently inhibits <i>P. falciparum</i> parasite replication in cultured human erythrocytes with an EC ₅₀ value of 90 nM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Kabeche S, et al. Nonbisphosphonate inhibitors of Plasmodium falciparum FPPS/GGPPS. Bioorg Med Chem Lett. 2021 Jun 1;41:127978.

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

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