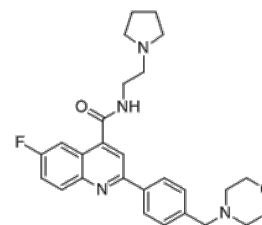


Product Name : M5717
Cat. No. : PC-72956
CAS No. : 1469439-69-7
Molecular Formula : C₂₇H₃₁FN₄O₂
Molecular Weight : 462.569
Target : Parasite
Solubility : 10 mM in DMSO



Biological Activity

Cabamiquine (DDD107498, M5717) is a potent, specific *P. falciparum* translation elongation factor 2 inhibitor (**PfeEF2**). M5717 demonstrated through high potency against asexual blood-stage *P. falciparum* parasites as well as in vivo by means of the well-established *P. falciparum* SCID mouse model.

References

- Arez F, et al. *ACS Infect Dis.* 2019 Nov 8;5(11):1831-1842.
Rottmann M, et al. *Antimicrob Agents Chemother.* 2020 Mar 24;64(4):e02181-19.
McCarthy JS, et al. *Lancet Infect Dis.* 2021 Dec;21(12):1713-1724.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com