

S5 Table. Activity against transmissible gametes.

n = Number of biological repeats. Data values represent mean \pm SEM.

Compound	Dual gamete formation assay (male) IC _{50(48h)} (nM)	Dual gamete formation assay (female) IC _{50(48h)} (nM)
ML901	130 \pm 10 (n = 9)*	4,700 \pm 300 (n = 9)*
ML471	49 \pm 3 (n = 4)	260 \pm 10 (n = 4)
Cabamiquine (DDD498)	2.3 \pm 0.4 (n = 5)	2.2 \pm 0.1 (n = 5)

* Data from [1]. Data for the DDD498 control is very similar to a previous report [2], validating the assay.

References

1. Xie SC, Metcalfe RD, Dunn E, Morton CJ, Huang SC, Puhlovich T, et al. Reaction hijacking of tyrosine tRNA synthetase as a new whole-of-life-cycle antimalarial strategy. *Science*. 2022;376(6597):1074-9.
2. Baragaña B, Hallyburton I, Lee MCS, Norcross NR, Grimaldi R, Otto TD, et al. A novel multiple-stage antimalarial agent that inhibits protein synthesis. *Nature*. 2015;522(7556):315-20.