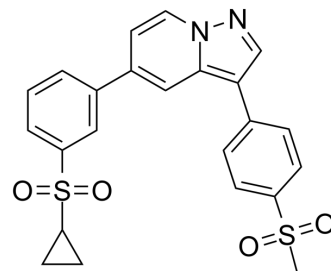


## MMV674850

Cat. No.:	HY-141837
CAS No.:	1820874-51-8
Molecular Formula:	C <sub>23</sub> H <sub>20</sub> N <sub>2</sub> O <sub>4</sub> S <sub>2</sub>
Molecular Weight:	452.55
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

MMV674850 is potent against asexual stage parasites at 2.7 and 4.5 nM and preferentially targets early-stage gametocytes (early-stage gametocyte: IC<sub>50</sub> 4.5 ± 3.6 nM; late-stage gametocyte: IC<sub>50</sub> 28.7 ± 0.2 nM).

## REFERENCES

[1]. Niemand J, et al. Chemogenomic Fingerprints Associated with Stage-Specific Gametocytocidal Compound Action against Human Malaria Parasites. ACS Infect Dis. 2021 Oct 8;7(10):2904-2916.

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

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