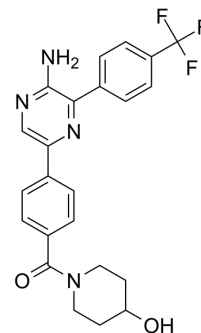


## MMV666810

Cat. No.:	HY-141836
CAS No.:	1450666-97-3
Molecular Formula:	C <sub>23</sub> H <sub>21</sub> F <sub>3</sub> N <sub>4</sub> O <sub>2</sub>
Molecular Weight:	442.43
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

MMV666810, a 2-aminopyrazine similar to MMV390048, is potent against asexual parasites at 5.94 nM, but against gametocytes, it has a 3.3-fold selectivity to late-stage gametocytes compared to earlier stages (early-stage gametocyte: IC<sub>50</sub> 603 ± 88 nM; late-stage gametocyte: IC<sub>50</sub> 179 ± 8 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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