

Product Name	: GNF179
Synonyms	: —
Cat No.	: M23433
CAS Number	: 1261114-01-5
Molecular Formula	: C22H23ClFN5O
Formula Weight	: 427.9
Chemical Name	: —
Description	: GNF179 is an optimized 8,8-dimethyl IP analog. It exhibited the potency(4.8 nM against the multidrug resistant strain W2) in vitro metabolic stability and in vivo oral bioavailability.
Pathway	: Microbiology/Virology
Target	: Parasite
Receptor	: Parasite
Solubility	: DMSO:120 mg/mL (280.44 mM)
SMILES	: <chem>CC(C)(c1nc(-c(cc2ccc2F)c(Nc(cc2)ccc2Cl)n1CC1)N1C(CN)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Meister S, et al. Imaging of Plasmodium liver stages to drive next-generation antimalarial drug discovery. Science. 2011 Dec 9;334(6061):1372-7.