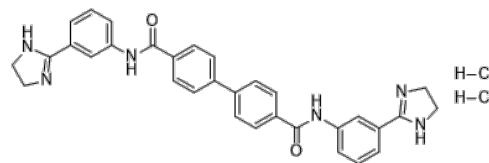


Product Name : MMV1580853
Cat. No. : PC-22743
CAS No. : 5352-53-4
Molecular Formula : C₃₂H₃₀Cl₂N₆O₂
Molecular Weight : 601.53
Target : Parasite
Solubility : 10 mM in DMSO



Biological Activity

MMV1580853 (BPH-1358) is a potent and exceedingly fast-acting blood-stage **antimalarial**, inhibits human farnesyl diphosphate synthase (FPPS) and undecaprenyl diphosphate synthase (**UPPS**) inhibitor with IC₅₀s of 1.8 μM and 110 nM, respectively, is active against *S. aureus* in vitro (MIC, 250 ng/mL).

References

Ryan Choi, et al. *PLoS One*. 2021 Apr 22;16(4):e0250019.

Zhu W, et al. *J Med Chem*. 2015 Feb 12;58(3):1215-27.

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

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