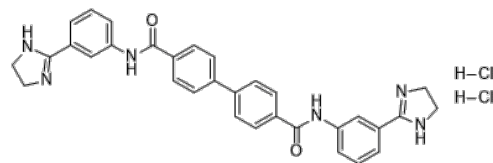


**Product Name** : MMV1580853  
**Cat. No.** : PC-22743  
**CAS No.** : 5352-53-4  
**Molecular Formula** : C<sub>32</sub>H<sub>30</sub>Cl<sub>2</sub>N<sub>6</sub>O<sub>2</sub>  
**Molecular Weight** : 601.53  
**Target** : Parasite  
**Solubility** : 10 mM in DMSO



## 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 IC<sub>50</sub>s of 1.8 μM and 110 nM, respectively.

## 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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