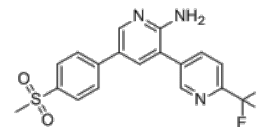


Product Name : MMV390048
Cat. No. : PC-61691
CAS No. : 1314883-11-8
Molecular Formula : C₁₈H₁₄F₃N₃O₂S
Molecular Weight : 393.3842
Target : PI4K
Solubility : 10 mM in DMSO



Biological Activity

MMV390048 is a novel potent Plasmodium **PI4K** inhibitor with IC₅₀ of 28 nM against intraerythrocytic life cycle stages of *P. falciparum* (NF54 drug-sensitive strain).

MMV390048 blocks all life cycle stages of the malaria parasite, exhibits full chemoprotection.

MMV390048 delays relapse in a Plasmodium cynomolgi monkey model.

References

Paquet T, et al. *Sci Transl Med*. 2017 Apr 26;9(387). pii: eaad9735.

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

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