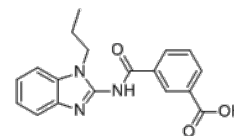


Product Name : HS220
Cat. No. : PC-35930
CAS No. : 1570374-32-1
Molecular Formula : C₁₈H₁₇N₃O₃
Molecular Weight : 323.352
Target : Parasite
Solubility : 10 mM in DMSO



Biological Activity

HS220 (HS-220) is a Plasmodium-selective takinib analog that targets atypical *P. falciparum* protein kinase 9 (**PfPK9**, K_d=4.1 uM) but does not inhibit HsTAK1, decreases K63-linked ubiquitination in *P. falciparum*. HS220 inhibits *P. berghei* parasite load in HuH7 cells with EC₅₀ of 43 uM, with no significant change on HuH7 viability. HS220 induce a unique phenotype where parasite size in hepatocytes increases.

References

Raphemot R, et al. *Cell Chem Biol.* 2018 Nov 19. pii: S2451-9456(18)30391-X.

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

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