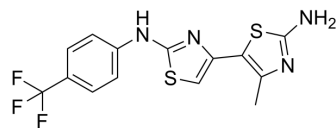


Anti-infective agent 9

Cat. No.:	HY-157840
CAS No.:	758689-17-7
Molecular Formula:	C ₁₄ H ₁₁ F ₃ N ₄ S ₂
Molecular Weight:	356
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Anti-infective agent 9 (compound 1) is a Plasmodium falciparum inhibitor (IC ₅₀ =600 nM), can downregulate pyruvate levels and TCA cycle in Plasmodium. Anti-infective agent 9It has good metabolic stability and low toxicity to human liver cells. The study found, Anti-infective agent 9Potential targets for inhibiting Plasmodium falciparum are not 1-deoxidation-d-xylulose-5-Phosphate synthase (DXPS) ^[1] .
IC ₅₀ & Target	IC50: 600 nM (P. falciparum) ^[1]

Caution: Product has not been fully validated for medical applications. For research use only.

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