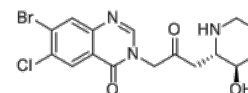


Product Name : Halofuginone
Cat. No. : PC-49610
CAS No. : 55837-20-2
Molecular Formula : C₁₆H₁₇BrClN₃O₃
Molecular Weight : 414.68
Target : Parasite
Solubility : 10 mM in DMSO



Biological Activity

Halofuginone (RU-19110) is a small molecule febrifugine analog targeting the Plasmodium falciparum prolyl-tRNA synthetase (**PfcPRS**, K_i=18.3 nM), inhibits wildtype Dd2 strain of P. falciparum with EC₅₀ of 0.5 nM.

References

Jonathan D Herman, et al. *Sci Transl Med*. 2015 May 20;7(288):288ra77.

Jiang S, et al. *Antimicrob. Agents Chemother*. 2005;49:1169–1176.

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

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