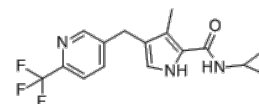


Product Name : DSM502
Cat. No. : PC-20265
CAS No. : 2426616-55-7
Molecular Formula : C₁₆H₁₆F₃N₃O
Molecular Weight : 323.32
Target : Parasite
Solubility : 10 mM in DMSO



Biological Activity

DSM502 (DSM 502) is a potent, selective inhibitor of *P. falciparum* and *P. vivax* **DHODH** with IC₅₀ of 20 and 14 nM, respectively.

DSM502 displays high potency against Pf3D7 parasites in whole cell assays (IC₅₀=14 nM).

DSM502 displays no inhibitory activities on mammalian DHODHs (IC₅₀>100 μM, hDHODH, mDHODH, rDHODH and dDHODH).

References

Sreekanth Kokkonda, et al. *J Med Chem.* 2020 May 14;63(9):4929-4956.

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

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