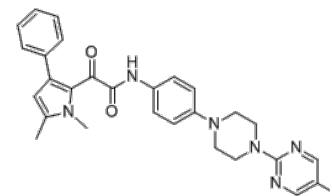


Product Name : F-901318
Cat. No. : PC-70224
CAS No. : 1928707-56-5
Molecular Formula : C₂₈H₂₇FN₆O₂
Molecular Weight : 498.562
Target : Fungal
Solubility : 10 mM in DMSO



Biological Activity

F-901318 (Olorofim) is a novel antifungal agent that inhibits *A. fumigatus* **DHODH** with IC₅₀ of 44 nM.

F-901318 (Olorofim) shows little inhibition of human DHODH (>100 uM).

F-901318 (Olorofim) displays excellent potency against a broad range of pathogenic filamentous and dimorphic fungi, including *Penicillium* spp., *Coccidioides immitis*, *H. capsulatum*, *Blastomyces dermatitidis*, *Fusarium* spp., and the difficult-to-treat *Scedosporium* spp.

References

Oliver JD, et al. *Proc Natl Acad Sci U S A*. 2016 Oct 25. pii: 201608304.

Wiederhold NP, et al. *J Antimicrob Chemother*. 2017 Mar 15. doi: 10.1093/jac/dkx065.

Buil JB, et al. *J Antimicrob Chemother*. 2017 Jun 10. doi: 10.1093/jac/dkx177.

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

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