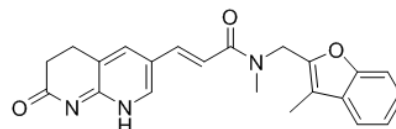


Product Name : AFN-1252
Cat. No. : PC-45087
CAS No. : 620175-39-5
Molecular Formula : C₂₂H₂₁N₃O₃
Molecular Weight : 375.4204
Target : Bacterial
Solubility : DMSO: 5.8 mg/mL(Need ultrasonic)



Biological Activity

A potent inhibitor of bacterial enoyl-ACP reductase FabI; demonstrates MICs of 0.015 and 0.008 ug/ml for *S. aureus* ATCC 29213 and *S. aureus* ATCC 33592 (MRSA), respectively; demonstrates a Staphylococcus-specific spectrum of activity.
Bacterial Infection
Phase 2 Clinical

References

- Karlowsky JA, et al. Antimicrob Agents Chemother. 2007 Apr;51(4):1580-1.
Karlowsky JA, et al. Antimicrob Agents Chemother. 2009 Aug;53(8):3544-8.
Parsons JB, et al. Proc Natl Acad Sci U S A. 2011 Sep 13;108(37):15378-83.

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

E-mail: tech@probechem.com