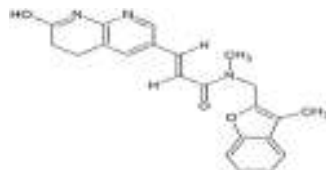


# AFN-1252

**ALTERNATE NAME:** AFN12520000  
(E)-N-methyl-N-((3-methylbenzofuran-2-yl)methyl)-3-(7-oxo-5,6,7,8-tetrahydro-1,8-naphthyridin-3-yl)acrylamide  
AFN1252

**CATALOG #:** B3338-5 5 mg  
B3338-25 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>22</sub>H<sub>21</sub>N<sub>3</sub>O<sub>3</sub>

**MOLECULAR WEIGHT:** 375.43

**CAS NUMBER:** 620175-39-5

**APPEARANCE:** White to off-white solid

**PURITY:** ≥98%

**SOLUBILITY:** 5 mg/ml DMSO

**DESCRIPTION:** AFN-1252 is a potent inhibitor of enoyl-acyl carrier protein reductase (FabI). Inhibits all clinical isolates of *Staphylococcus aureus* (n = 502) and *Staphylococcus epidermidis* (n = 51) tested, including methicillin (meticillin)-resistant isolates, at concentrations of <or=0.12 microg/ml.

**STORAGE TEMPERATURE:** -20°C. Protect from light

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

Macrosphelide A (B3227)  
Dalbavancin (B2099)  
Teicoplanin (1756)

**DISCLAIMER:** *FOR RESEARCH USE ONLY! Not to be used on humans.*