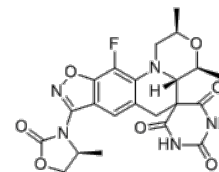


Product Name : Zoliflodacin
Cat. No. : PC-60475
CAS No. : 1620458-09-4
Molecular Formula : C₂₂H₂₂FN₅O₇
Molecular Weight : 487.44
Target : Bacterial
Solubility : 10 mM in DMSO



Biological Activity

Zoliflodacin (AZD0914, ETX0914) is a novel **DNA gyrase** inhibitor that inhibits **bacterial DNA biosynthesis**, has potent in vitro activity against many different bacterial species with MIC of 0.004 to 0.25 ug/ml.

Zoliflodacin has the MIC₉₀s for *C. trachomatis* and *C. pneumoniae* 0.25 ug/ml and 1 ug/ml, respectively, and the MBC₉₀s are 0.5 ug/ml for *C. trachomatis* and 2 ug/ml for *C. pneumoniae*.

References

Jacobsson S, et al. *Antimicrob Agents Chemother.* 2014 Sep;58(9):5585-8.

Kohlhoff SA, et al. *Antimicrob Agents Chemother.* 2014 Dec;58(12):7595-6.

Huband MD, et al. *Antimicrob Agents Chemother.* 2015 Jan;59(1):467-74.

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

E-mail: tech@probechem.com