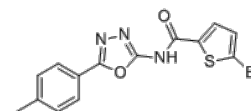


Product Name : KKL-10
Cat. No. : PC-61265
CAS No. : 952849-76-2
Molecular Formula : $4\text{H}_{10}\text{BrN}_3\text{O}_2\text{S}$
Molecular Weight : 364.217
Target : Bacterial
Solubility :



Biological Activity

KKL-10 is a small-molecule inhibitor of bacterial ribosome rescue that exhibits broad-spectrum antimicrobial activity against bacteria grown in liquid culture; exhibits exceptional antimicrobial activity against both attenuated (LVS) and fully virulent strains of *F. tularensis* (Schu S4) in vitro with MIC of 0.12 and 0.48 $\mu\text{g}/\text{mL}$, respectively; arrests intracellular growth of *F. tularensis* during all stages of infection, does not affect macrophage viability or function.

References

Goralski TD, et al. *Antimicrob Agents Chemother.* 2016 May 23;60(6):3276-82.

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

E-mail: tech@probechem.com