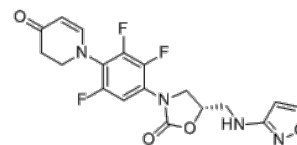


Product Name : Contezolid
Cat. No. : PC-61371
CAS No. : 1112968-42-9
Molecular Formula : C₁₈H₁₅F₃N₄O₄
Molecular Weight : 408.337
Target : Bacterial
Solubility : 10 mM in DMSO



Biological Activity

Contezolid (MRX I) is an orally active oxazolidinone agent with **antibacterial** activity Gram-positive pathogens, including MRSA, penicillin-PRSP, PISP, and vancomycin-resistant enterococci (VRE) with MIC of 0.25-4 ug/mL. Contezolid demonstrates the same or better efficacy than linezolid in both systemic and local infection models against the tested strains.

References

- Li CR, et al. *Antimicrob Agents Chemother.* 2014;58(4):2418-21.
Gordeev MF, et al. *J Med Chem.* 2014 Jun 12;57(11):4487-97.
Meng J, et al. *Drug Metab Dispos.* 2015 May;43(5):646-59.
Eckburg PB, et al. *Antimicrob Agents Chemother.* 2017 Mar 24;61(4). pii: e02181-16.

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

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