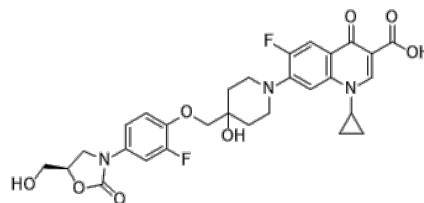


Product Name : Cadazolid
Cat. No. : PC-22350
CAS No. : 1025097-10-2
Molecular Formula : C₂₉H₂₉F₂N₃O₈
Molecular Weight : 585.56
Target : Bacterial
Solubility : 10 mM in DMSO



Biological Activity

Cadazolid (ACT-179811) is a first-in-class quinoxolidinone antibiotic and a potent inhibitor of *C. difficile* protein synthesis with IC₅₀ of 0.38 μ M in in vitro transcription/translation assay, MIC of <0.03 μ g/mL against *Clostridioides difficile* ATCC 700057.

References

Rueedi G, et al. J Med Chem. 2024 May 16. doi: 10.1021/acs.jmedchem.4c00558.

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

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