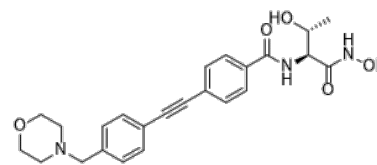


Product Name : CHIR-090
Cat. No. : PC-23202
CAS No. : 728865-23-4
Molecular Formula : C₂₄H₂₇N₃O₅
Molecular Weight : 437.50
Target : Bacterial
Solubility : 10 mM in DMSO



CAS: 728865-23-4

Biological Activity

CHIR-090 is a potent, slow, tight-binding inhibitor of the **LpxC** deacetylase, binds to E. coli LpxC with K_i of 4.0 nM, displays good antimicrobial activity against several Gram-negative bacteria.

References

- McClerren AL, et al. *Biochemistry*. 2005 Dec 20;44(50):16574-83.
Barb AW, et al. *Proc Natl Acad Sci U S A*. 2007 Nov 20;104(47):18433-8.
Bodewits K, et al. *Antimicrob Agents Chemother*. 2010 Aug;54(8):3531-3.

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

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