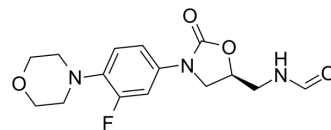


Demethyl linezolid

Cat. No.:	HY-136613
CAS No.:	168828-65-7
Molecular Formula:	C ₁₅ H ₁₈ FN ₃ O ₄
Molecular Weight:	323.32
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Demethyl linezolid is a impurity of linezolid. Demethyl linezolid is a useful antimicrobial agent extracted from patent WO1995007271A1, example 9, effective against a number of human and veterinary pathogens ^[1] .
IC ₅₀ & Target	Bacteria ^[1]
In Vivo	Demethyl linezolid inhibits the activity of Staphylococcus aureus bacteria in mice with an ED ₅₀ of 4.4 mg/kg by oral intubation ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Michael R, et, al. Substituted oxazine and thiazine oxazolidinone antimicrobials. WO1995007271A1

Caution: Product has not been fully validated for medical applications. For research use only.

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