Antibacterial agent 136

Cat. No.: HY-148576

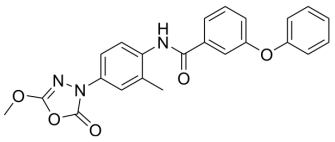
Molecular Formula: $C_{23}H_{19}N_3O_5$

Molecular Weight: 417.41

Target: Antibiotic; Bacterial

Pathway: Anti-infection

Storage: Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Antibacterial agent 136 (compound 3) is an antibiotic of oxadiazolones. Antibacterial agent 136 have high antibacterial potency against Staphylococcus aureus (MRSA) with a MIC_{50} value of 0.8 μM[1].
IC_{50} & Target	MIC50: 0.8 μM (MRSA)[1]
In Vitro	Antibacterial agent 136 (compound 3) have high antibacterial potency against Staphylococcus aureus (MRSA) with a MIC_{50} value of 0.8 μM[1]. Antibacterial agent 136 have high antibacterial potency against multidrug-resistant S. aureus with MIC_{50} values range from 0.8 -3.1 μM[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Alexander T Bakker, et al. Chemical Proteomics Reveals Antibiotic Targets of Oxadiazolones in MRSA. J Am Chem Soc. 2022 Dec 30.

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