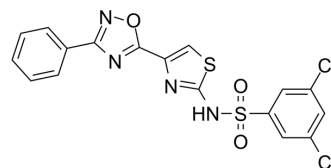


OX11

Cat. No.:	HY-139982
CAS No.:	2414598-74-4
Molecular Formula:	C ₁₇ H ₁₀ Cl ₂ N ₄ O ₃ S ₂
Molecular Weight:	453.32
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	OX11 is a selective inhibitor of <i>S. pneumoniae</i> , <i>P. aeruginosa</i> , and <i>E. coli</i> bacterial strains ^[1] .
In Vitro	OX11 exhibits an MIC value of 15.75 µg/mL against <i>P. aeruginosa</i> and <i>E. coli</i> . OX11 is moderately effective against multidrug resistant strains (MDR) <i>K. georgiana</i> and <i>C. werkmanii</i> strains. OX11 exhibited a synergistic effect with AMP against the <i>Acinetobacter</i> isolate in addition to <i>K. pneumoniae</i> and <i>K. georgiana</i> ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Ali A, et al. Development of Oxadiazole-Sulfonamide-Based Compounds as Potential Antibacterial Agents. *ACS Omega*. 2021 Oct 14;6(42):27798-27813.

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

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