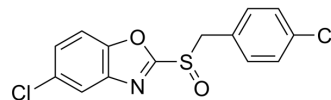


Antibacterial agent 170

Cat. No.:	HY-163111
CAS No.:	2764797-36-4
Molecular Formula:	C ₁₄ H ₉ Cl ₂ NO ₂ S
Molecular Weight:	326.2
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Antibacterial agent 170 (compound 6b) is a potent antibacterial agent which inhibits the formation of *P. aeruginosa* PAO1 biofilm. Antibacterial agent 170 exhibits quorum sensing inhibitor effect by the las system. Antibacterial agent 170 can be used in study microbial resistance^[1].

REFERENCES

[1]. Mao S, et al. Design, synthesis, and biological evaluation of benzoheterocyclic sulfoxide derivatives as quorum sensing inhibitors in *Pseudomonas aeruginosa*. *J Enzyme Inhib Med Chem*. 2023 Dec;38(1):2175820.

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

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