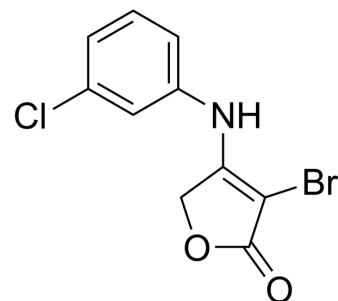


Antibiofilm agent-3

Cat. No.:	HY-155461
Molecular Formula:	C ₁₀ H ₇ BrClNO ₂
Molecular Weight:	288.53
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Antibiofilm agent-3 (compound 3b) is a tetracarboxamide antibacterial agent that effectively inhibits the plant bacterial pathogen <i>Xanthomonas citri</i> (<i>Xanthomonas citri</i> ssp. <i>citri</i> , Xcc) (MIC=500 µg/ mL). Antibiofilm agent-3 inhibits biofilm formation by Xcc with IC ₅₀ =15.37 µg/mL ^[1] .
IC ₅₀ & Target	<i>Xanthomonas citri</i> ssp. <i>citri</i> , Xcc ^[1]

REFERENCES

[1]. Cardoso T S et al. Syntheses of Six Tetronamides and Evaluation as Biofilm Inhibitors against the Citrus Canker Bacterial-Pathogen *Xanthomonas citri* ssp. *citri*[J]. ACS Agricultural Science & Technology, 2023.

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

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