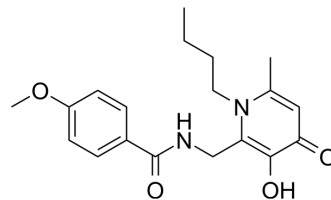


Antibacterial synergist 1

Cat. No.:	HY-142695
CAS No.:	2885170-11-4
Molecular Formula:	C ₁₉ H ₂₄ N ₂ O ₄
Molecular Weight:	344.4
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Antibacterial synergist 1 (compound 20P) is a bacterial biofilm inhibitor. Antibacterial synergist 1 inhibits the production of pyocyanin and biofilm formation with IC₅₀s of 8.6 and 4.5 μM, respectively. Antibacterial synergist 1 has the potential for the research of *P. aeruginosa* infections^[1].

REFERENCES

[1]. Liu J, et al. New Pqs Quorum Sensing System Inhibitor as an Antibacterial Synergist against Multidrug-Resistant *Pseudomonas aeruginosa*. *J Med Chem.* 2022;65(1):688-709.

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

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