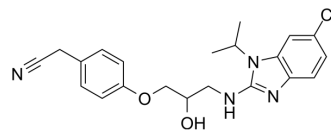


Antibacterial agent 176

Cat. No.:	HY-162130
Molecular Formula:	C ₂₁ H ₂₃ ClN ₄ O ₂
Molecular Weight:	398.89
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Antibacterial agent 176 (Compound 6f) is a potent PqsR antagonist. Antibacterial agent 176 has a good inhibitory effect on *P. aeruginosa* CF, and a significant inhibitory effect on the production of pyocyanin, 2-alkyl-4 (1H) -quinolones^[1].

REFERENCES

[1]. Soukariéh F, et al. Design, Synthesis, and Evaluation of New 1H-Benzo[d]imidazole Based PqsR Inhibitors as Adjuvant Therapy for *Pseudomonas aeruginosa* Infections. *J Med Chem.* 2024 Jan 3.

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

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