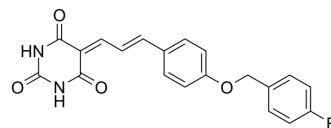


Antibacterial agent 175

Cat. No.:	HY-161124
Molecular Formula:	C ₂₀ H ₁₅ FN ₂ O ₄
Molecular Weight:	366.34
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Antibacterial agent 175 (compound Y40), a ML346 (HY-18669) analog, is a Sortase A (SrtA) inhibitor. Antibacterial agent 175 shows inhibitory activity on *Staphylococcus aureus* SrtA and shows inhibitory effects on biofilm formation. Antibacterial agent 175 is an antivirulence agent against *S. aureus* infections^[1].

REFERENCES

[1]. Chuan Yue, et al. Structure-Guided Design, Synthesis, and Antivirulence Assessment of Covalent *Staphylococcus aureus* Sortase A Inhibitors. *J Med Chem.* 2024 Jan 3.

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

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