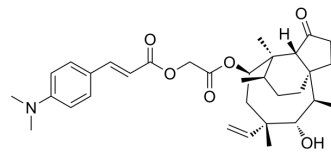


Antibacterial agent 150

Cat. No.:	HY-155682
Molecular Formula:	C ₃₃ H ₄₅ NO ₆
Molecular Weight:	551.71
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Antibacterial agent 150 (compound 5g) is an antibacterial agent with potent antibacterial activity against both Gram-positive bacteria and Gram-negative bacteria (MIC values ranging from 1-32 µg/mL). Antibacterial agent 150 can increase survival rate of MRSA (Methicillin-resistant *Staphylococcus aureus*)-infected mice^[1].

REFERENCES

[1]. Min Li, et al. Design, synthesis, and evaluation of novel pleuromutilin aryl acrylate derivatives as promising broad-spectrum antibiotics especially for combatting multi-drug resistant gram-negative bacteria. *Eur J Med Chem.* 2023 Nov 5;259:115653.

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

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