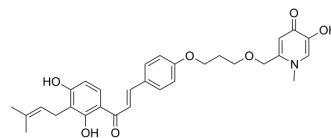


Antibacterial agent 145

| | |
|--------------------|---|
| Cat. No.: | HY-149353 |
| Molecular Formula: | C ₃₀ H ₃₃ NO ₇ |
| Molecular Weight: | 519.59 |
| Target: | Bacterial |
| Pathway: | Anti-infection |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

Antibacterial agent 145 (compound 1b) is an antibacterial agent depending on bacterial iron uptake pathway. Antibacterial agent 145 disrupts cytoplasmic membrane integrity and inhibits cell metabolism but exhibits low cytotoxic effects to normal cells^[1].

REFERENCES

[1]. Huang YJ, et al. 3-Hydroxy-pyridin-4(1H)-ones as siderophores mediated delivery of isobavachalcone enhances antibacterial activity against pathogenic *Pseudomonas aeruginosa*. *Eur J Med Chem.* 2023 Sep 5;257:115454.

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

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