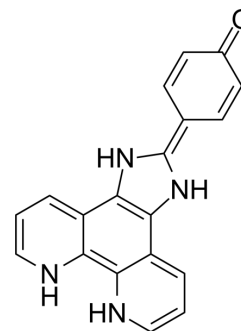


Antibacterial agent 114

Cat. No.:	HY-147959
CAS No.:	2733391-71-2
Molecular Formula:	C ₁₉ H ₁₄ N ₄ O
Molecular Weight:	314.34
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Antibacterial agent 114 (compound 1) is a potent antibacterial agent. Antibacterial agent 114 shows antibacterial activity against *P.aeruginosa*, *B.subtilis*, *E.coli*, *E.faecalis*, *S.typhimurium*, *S.mutans*, and *S.aureus* microorganisms, with MIC values of 625, 625, 625, 625, 1250 and 1250 μ M, respectively^[1].

REFERENCES

[1]. Obali AY, et al. Antibacterial activities and DNA-cleavage properties of novel fluorescent imidazo-phenanthroline derivatives. *Bioorg Chem.* 2020 Jul;100:103885.

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

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