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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Antimicrobial agent-28

Cat. No.:	HY-161423
Molecular Formula:	C ₇₈ H ₁₁₂ N ₂₀ O ₂₀ S ₃
Molecular Weight:	1746.04
Sequence:	Ala-Cys-Ser-Phe-Pro-Lys-Cys-Pro-Trp-Val-Glu-Gly-Cys-Ala-NH ₂ (TATA covalent with Cys ₂ ,Cys ₇ ,Cys ₁₃)
Sequence Shortening:	ACSFPKCPWEGCA-NH ₂ (TATA covalent with Cys ₂ ,Cys ₇ ,Cys ₁₃)
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Antimicrobial agent-28 (Compound Bicycle molecule) is an antibacterial agent with good affinity for the penicillin-binding protein (PBP3) of Escherichia coli, which can inhibit the activity of Escherichia coli^[1].

REFERENCES

[1]. Rowland C E, Newman H, Martin T T, et al. Discovery and chemical optimisation of a Potent, Bi-cyclic (Bicycle[®]) Antimicrobial Inhibitor of Escherichia coli PBP3[J]. bioRxiv, 2024: 2024.03. 20.581580.

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

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