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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Berninamycin A

Cat. No.:	HY-P2020
CAS No.:	58798-97-3
Molecular Formula:	C ₅₁ H ₅₁ N ₁₅ O ₁₅ S
Molecular Weight:	1146.11
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Berninamycin A is a cyclic thiopeptide antibiotic first isolated from *S. bernensis*. It inhibits protein biosynthesis in Gram positive bacteria through binding with ribosomal subunits. Cyclic thiopeptide antibiotics, including berninamycin A, induce the transcriptional activator TipA in *Streptomyces*.

REFERENCES

[1]. Chiu, et al. Broad spectrum thiopeptide recognition specificity of the *Streptomyces lividans* TipAL protein and its role in regulating gene expression. *J. Biol. Chem.* 274(29), 20578-20586 (1999).

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

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