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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



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Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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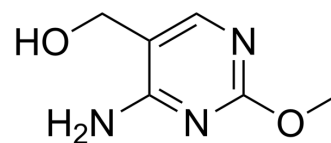
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Bacimethrin

Cat. No.:	HY-119606
CAS No.:	3690-12-8
Molecular Formula:	C ₆ H ₉ N ₃ O ₂
Molecular Weight:	155.15
Target:	Bacterial; Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Bacimethrin (NSC 66577) is an antibacterial agent and is thiamin biosynthesis antagonist. Bacimethrin inhibits bacterial and yeast growth ^{[1][2]} .
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REFERENCES

- [1]. Natalia S Nemeria, et al. Competence of Thiamin Diphosphate-Dependent Enzymes with 2'-Methoxythiamin Diphosphate Derived from Bacimethrin, a Naturally Occurring Thiamin Anti-vitamin. *Biochemistry*. 2016 Feb 23;55(7):1135-48.
- [2]. J L Zilles, et al. Action of the thiamine antagonist bacimethrin on thiamine biosynthesis. *J Bacteriol*. 2000 Oct;182(19):5606-10.

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

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