



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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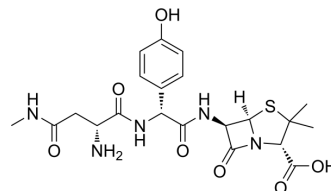
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Aspoxicillin (Standard)

Cat. No.:	HY-135842R
CAS No.:	63358-49-6
Molecular Formula:	C ₂₁ H ₂₇ N ₅ O ₇ S
Molecular Weight:	493.53
Target:	Antibiotic; Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Aspoxicillin (Standard) is the analytical standard of Aspoxicillin. This product is intended for research and analytical applications. Aspoxicillin is a broad-spectrum antimicrobial agent against 68 isolates of <i>Actinobacillus pleuropneumoniae</i> with an MIC ₉₀ value of ≤ 0.05 µg/ml. Aspoxicillin has a long half-life in mouse serum of 55 minutes ^{[1][2]} .
IC₅₀ & Target	microbe ^[1]

REFERENCES

- [1]. Yoshimura H, et al. Comparative in vitro activity of 16 antimicrobial agents against *Actinobacillus pleuropneumoniae*. *Vet Res Commun*. 2002 Jan;26(1):11-9.
- [2]. Oshida T, et al. Activity of sub-minimal inhibitory concentrations of aspoxicillin in prolonging the postantibiotic effect against *Staphylococcus aureus*. *J Antimicrob Chemother*. 1990 Jul;26(1):29-38.

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

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