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Produktinformation



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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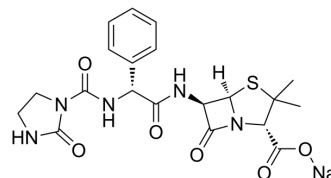
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Azlocillin sodium salt (Standard)

| | |
|--------------------|---|
| Cat. No.: | HY-B0529AR |
| CAS No.: | 37091-65-9 |
| Molecular Formula: | C ₂₀ H ₂₂ N ₅ NaO ₆ S |
| Molecular Weight: | 483.47 |
| Target: | Bacterial; Parasite; Antibiotic |
| Pathway: | Anti-infection |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|---------------------------|---|
| Description | Azlocillin (sodium salt) (Standard) is the analytical standard of Azlocillin (sodium salt). This product is intended for research and analytical applications. Azlocillin sodium salt (Sodium azlocillin), a semisynthetic penicillin, is a broad spectrum β -lactam antibiotic. Azlocillin sodium salt shows antipseudomonal activity, and also potent against the malarial parasite <i>Plasmodium falciparum</i> ^{[1][2][3]} . |
| IC ₅₀ & Target | Bacteria ^[1] |

REFERENCES

- [1]. D Stewart, et al. Azlocillin: in vitro studies of a new semisynthetic penicillin. *Antimicrob Agents Chemother.* 1977 May;11(5):865-70.
- [2]. S H Zinner, et al. In vitro and in vivo studies of three antibiotic combinations against gram-negative bacteria and *Staphylococcus aureus*. *Antimicrob Agents Chemother.* 1981 Oct;20(4):463-9.
- [3]. Jennifer L Weisman, et al. Searching for new antimalarial therapeutics amongst known drugs. *Chem Biol Drug Des.* 2006 Jun;67(6):409-16.

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

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