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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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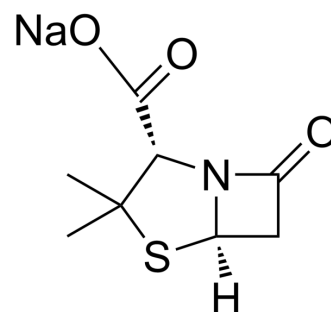
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Penicillanic acid sodium

Cat. No.:	HY-W856812
CAS No.:	4027-62-7
Molecular Formula:	C ₈ H ₁₀ NNaO ₃ S
Molecular Weight:	223.22
Target:	Drug Intermediate
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Penicillanic acid (sodium) is a key drug intermediate. Penicillanic acid (sodium) can be used to synthesize β -lactamase inhibitors and prodrugs. Penicillanic acid (sodium) derivative Mecillinam has antibacterial activity^{[1][2]}.

REFERENCES

- [1]. Neu HC. Mecillinam, a novel penicillanic acid derivative with unusual activity against gram-negative bacteria. *Antimicrob Agents Chemother.* 1976 May;9(5):793-9.
- [2]. Ikeda S, et al. A novel synthetic method for penicillanic acid derivatives by electroreduction. *Chem Pharm Bull (Tokyo).* 1988 Jun;36(6):1976-81.

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

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