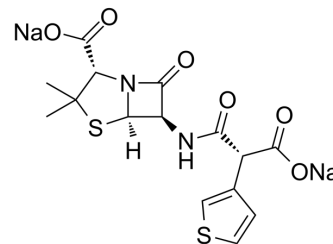


Ticarcillin sodium

Cat. No.:	HY-100577
CAS No.:	29457-07-6
Molecular Formula:	C ₁₅ H ₁₄ N ₂ Na ₂ O ₆ S ₂
Molecular Weight:	428.39
Target:	Bacterial; Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Ticarcillin sodium is an injectable antibiotic for the treatment of Gram-negative bacteria, particularly *Pseudomonas aeruginosa*. It is also one of the few antibiotics capable of treating *Stenotrophomonas maltophilia* infections^[1].

CUSTOMER VALIDATION

- Antimicrob Agents Chemother. 2023 May 18;e0160322.
- Microbiol Spectr. 2023 Apr 24;e0069223.
- Microbiol Spectr. 2022 Dec 8;e0303822.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Spierer O, et al. Comparative activity of antimicrobials against *Pseudomonas aeruginosa*, *Achromobacter xylosoxidans* and *Stenotrophomonas maltophilia* keratitis isolates. *Br J Ophthalmol*. 2018 May;102(5):708-712.

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

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