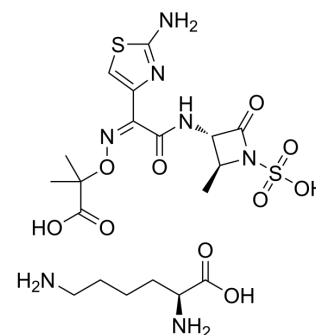


Aztreonam (lysine)

Cat. No.:	HY-129949
CAS No.:	827611-49-4
Molecular Formula:	C ₁₉ H ₃₁ N ₇ O ₁₀ S ₂
Molecular Weight:	581.62
Target:	Antibiotic; Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Aztreonam (lysine) is a monocyclic beta-lactam antibiotic, and has a very high affinity for penicillin-binding protein 3 (PBP-3). Aztreonam (lysine) is active against Gram-negative aerobic bacteria^{[1][2]}.

CUSTOMER VALIDATION

- Nat Commun. 2022 Mar 2;13(1):1116.
- Pharmaceutics. 2023 Nov 30, 15(12), 2705.
- Antimicrob Agents Chemother. 2018 Jul 27;62(8). pii: e00414-18.
- Antibiotics (Basel). 2021, 10(11), 1341.
- Curr Microbiol. 2021 Dec 14;79(1):12.

See more customer validations on www.MedChemExpress.com

REFERENCES

- [1]. Guay DR, et al. Aztreonam, a new monobactam antimicrobial. Clin Pharm. 1985 Sep-Oct;4(5):516-26.
- [2]. Brogden RN, et al. A review of its antibacterial activity, pharmacokinetic properties and therapeutic use. Drugs. 1986 Feb;31(2):96-130.

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

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