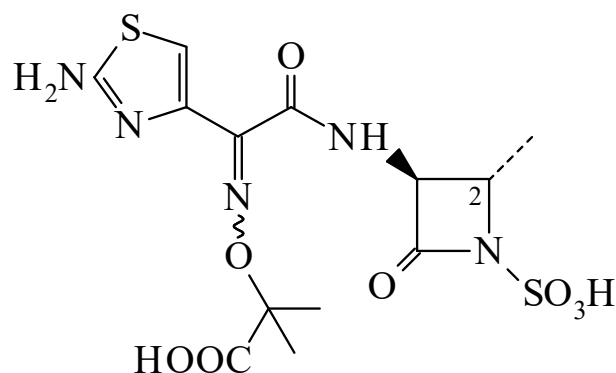




>>Entry Name: Aztreonam, BAN, INN, JAN, USAN

Synonym(s): Azactam. Azthreonam. Dynabiotic. Monobactam. Nebactam. Primbactam. Probactam. Antibiotic SQ 26776. SQ 26776. E734



CAS Registry Number: 78110-38-0

Molecular Formula: C₁₃H₁₇N₅O₈S₂

Molecular Weight: 435.438

Accurate Mass: 435.051855

Percentage Composition: C 35.86%; H 3.93%; N 16.08%; O 29.39%; S 14.73%

General Statement: Synthetic monobactam antibiotic

Use/Importance: Shows potent and specific activity against gram-negative bacteria and high β -lactamase stability. Used clinically (e.g. to treat urinary tract infections). Low acute mammalian toxicity

Development Status: Launched 1984

>>Derivative: 2-Epimer

Synonym(s): Antibiotic SQ 26917. SQ 26917

CAS Registry Number: 87291-17-6

Source/Synthesis: Synthetic

Use/Importance: Active against gram-neg. bacteria esp. *Pseudomonas aeruginosa*

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