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# Oxacillin

National Cancer Institute

## Source

National Cancer Institute. *Oxacillin*. NCI Thesaurus. Code C62063.

A semisynthetic penicillinase-resistant and acid-stable penicillin with an antimicrobial activity. Oxacillin binds to penicillin-binding proteins in the bacterial cell wall, thereby blocking the synthesis of peptidoglycan, a critical component of the bacterial cell wall. This leads to inhibition of cell growth and causes cell lysis.