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Penicillin V

National Cancer Institute

Source

National Cancer Institute. *Penicillin V*. NCI Thesaurus. Code C62064.

A member of the penicillin family exhibiting broad-spectrum antibiotic property. Penicillin V binds to penicillin binding proteins (PBP), the enzymes that catalyze the synthesis of peptidoglycan, which is a critical component of the bacterial cell wall. This leads to the interruption of cell wall synthesis, consequently leading to bacterial cell growth inhibition and cell lysis.