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# Mupirocin

National Cancer Institute

## Source

National Cancer Institute. *Mupirocin*. NCI Thesaurus. Code C29271.

A natural crotonic acid derivative extracted from *Pseudomonas fluorescens*. Mupirocin inhibits bacterial protein synthesis by specific reversible binding to bacterial isoleucyl tRNA synthase. With excellent activity against gram-positive staphylococci and streptococci, it is primarily used for treatment of primary and secondary skin disorders, nasal infections, and wound healing. (NCI04)