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# Roxithromycin

National Cancer Institute

## Source

National Cancer Institute. *Roxithromycin*. NCI Thesaurus. Code C818.

A semi-synthetic derivative of the macrolide antibiotic erythromycin that includes an N-oxime side chain on the lactone ring, with antibacterial and anti-malarial activities. Roxithromycin binds to the subunit 50S of the bacterial ribosome, which inhibits bacterial protein synthesis and leads to inhibition of bacterial cell growth and replication.