

[Open Peer Review on Qeios](#)

Natamycin

National Cancer Institute

Source

National Cancer Institute. *Natamycin*. NCI Thesaurus. Code C47634.

A polyene amphoteric macrolide antibiotic with antifungal properties. Natamycin exerts its antifungal effects by binding to sterols in the fungal cell membrane thereby increasing membrane permeability. This leads to a leakage and loss of essential cellular constituents. Following ocular application, natamycin is retained in the conjunctival fornices and attains effective concentrations within the corneal stroma where it exerts its effect.