

[Open Peer Review on Qeios](#)

# Virginiamycin S1

National Cancer Institute

## Source

National Cancer Institute. *Virginiamycin S1*. NCI Thesaurus. Code C1296.

A streptomycin B-related cyclic depsipeptide isolated from the bacterium *Streptomyces virginiae* and other *Streptomyces* bacterial species. Virginiamycin S1 binds to and inhibits the formation of 50S ribosomes, thereby preventing protein synthesis. (NCI04)