

Antimicrobial molecule

The present invention relates to a new compound cadayacin R having antibacterial and antifungal activities. The present invention also provides methods for the production and purification of cadayacin R, including the steps of cultivating the microorganism *Pseudozyma flocculosa*. The present invention further provides antibiotic and antifungal compositions comprising cadayacin R, the salts thereof and methods using the inventive compound as antibiotic and agrochemical agents.
