

Mollisianitrile, a New Antibiotic from *Mollisia* sp. A59–96

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Mollisianitrile (**1**), a new antibiotic was isolated from the fermentation broth of *Mollisia* sp. A59–96 together with the two known isocoumarins **2** and **3**. **1** exhibited antimicrobial, cytotoxic, and phytotoxic activities. **1** contains a reactive propiolonitrile moiety which is believed to be responsible for its antibiotic activities. Upon incubation with L-cysteine the biological activity was lost.

Key words: *Mollisia*, Mollisianitrile, Antimicrobial and Cytotoxic Activities