

TMC-151 A Monoacetate, a New Polyketide from Bionectria ochroleuca

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Abstract

A new polyketide, TMC-151 A monoacetate (1), along with a known analogue, TMC-151 F (2), was isolated from ethyl acetate extracts of the fermentation broth of *Bionectria ochroleuca* isolated in Taiwan. Their structures were elucidated on the basis of spectroscopic analysis. The antiproliferative activities of 1 and 2 were evaluated against MT-2 (human leukemia), A498 (human renal carcinoma), NPC-tw01 (human nasopharyngeal carcinoma), H-226 and A549 (non-small cell lung cancer) cell lines, and their IC₅₀ values ranged from 18.3 to 40.2 μ M.