

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

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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.

Key words: Hypocreales, *Bionectria ochroleuca*, Polyketides, Fermentation Broth, Cytotoxicity