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Malettinins B–D: New Polyketide Metabolites from an Unidentified Fungal Colonist of *Hypoxylon Stromata* (NRRL 29110)


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J. Nat. Prod., 2005, 68 (2), pp 212–216

DOI: 10.1021/np049625r

Publication Date (Web): February 5, 2005

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 Section: Microbial, Algal, and Fungal Biochemistry

Abstract

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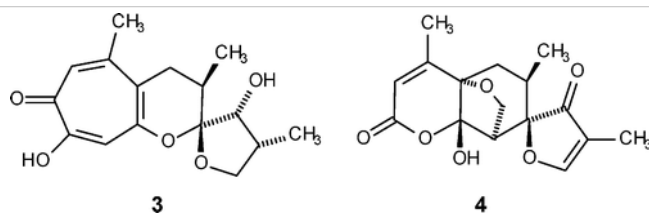
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Malettinins B–D (2–4), three new antimicrobial polyketide-derived metabolites related to the previously reported malettinin A (1), have been obtained from nonsporulating cultures of an isolate of *Mycelia sterilia* MYC-155 (= NRRL 29110) collected from colonies of *Hypoxylon stromata*. Malettinins B (2) and C (3) are partially reduced analogues of malettinin A and were identified by analysis of NMR and MS data. Malettinin D (4) is biogenetically similar, but possesses a new ring system, and the structure of 4 was established by single-crystal X-ray diffraction analysis.

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History

Published In Issue
February 25, 2005

Received November 19, 2004

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The Journal of Organic Chemistry
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