



Calodioscurins A and B, two new isoprenylated xanthenes from the stem bark of *Calophyllum dioscurii*

P.F. Stevens

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ABSTRACT

Two new isoprenylated xanthenes, calodioscurin A (**1**) and B (**2**) were isolated from the stem bark of *Calophyllum dioscurii* P.F. Stevens along with two known isoprenylated 4-phenylcoumarins, apetalolide (**3**) and methyl inophyllum P (**4**). The structures of two new compounds were determined based on their HRESIMS, IR, UV, 1D and 2D NMR spectral data. Compounds **1–4** were assayed on P-388 cells, compound **2** showed IC₅₀ value 11.5 μM and categorised moderate activity.

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1. Introduction

Calophyllum dioscurii P.F. Stevens (Calophyllaceae) is one species of endemic plant from Indonesia. The decoction of leaves and stem bark of this plant were used to treat fever and skin disease (Heyne 1987). *Calophyllum* plants were known to yield phenolic

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