5,9,11-Trihydroxy-2,2-dimethyl-3-(2-methylbut-3-en-2-yl)pyrano[2,3-a]xanthen-12(2H)-one from the stem bark of *Calophyllum tetramerum* Miq.

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**Abstract:** A new pyranocoumarin namely 5,9,11-trihydroxy-2,2-dimethyl-3-(2-methylbut-3-en-2-yl)pyrano[2,3-a]xanthen-12(2H)-one (1) was isolated from the stem bark of *Calophyllum tetramerum* Miq. The structure of compound 1 was determined by means of spectroscopic methods including UV, IR, HRESIMS, 1D and 2D NMR spectrometry experiments.

**Keywords:** *Calophyllum tetramerum* Miq., Pyranoxanthone, 5,9,11-trihydroxy-2,2-dimethyl-3-(2-methylbut-3-en-2-yl) pyrano[2,3-a]xanthen-12(2H)-one.

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Figure S1. $^1$H NMR spectra of 5,9,11-trihydroxy-2,2-dimethyl-3-(2-methylbut-3-en-2-yl)pyrano[2,3-a]xanthen-12(2H)-one
Figure S2. $^1$H NMR spectra [$\delta$ 5–7 ppm] of 5,9,11-trihydroxy-2,2-dimethyl-3-(2-methylbut-3-en-2-yl)pyrano[2,3-a]xanthen-12(2H)-one
Figure S3. $^{13}$C NMR spectra of 5,9,11-trihydroxy-2,2-dimethyl-3-(2-methylbut-3-en-2-yl)pyrano[2,3-a]xanthen-12(2H)-one
**Figure S4.** $^{13}$C NMR spectra [δc 102–139 ppm] of 5,9,11-trihydroxy-2,2-dimethyl-3-(2-methylbut-3-en-2-yl)pyrano[2,3-a]xanthen-12(2H)-one
Figure S5. HMQC NMR spectra of 5,9,11-trihydroxy-2,2-dimethyl-3-(2-methylbut-3-en-2-yl)pyrano[2,3-a]xanthen-12(2H)-one
Figure S6. HMBC NMR spectra of 5,9,11-trihydroxy-2,2-dimethyl-3-(2-methylbut-3-en-2-yl)pyrano[2,3-a]xanthen-12(2H)-one
Figure S7. HMBC NMR spectra [δH 5–7 ppm] of 5,9,11-trihydroxy-2,2-dimethyl-3-(2-methylbut-3-en-2-yl)pyrano[2,3-a]xanthen-12(2H)-one
Figure S8. HRESIMS spectra of 5,9,11-trihydroxy-2,2-dimethyl-3-(2-methylbut-3-en-2-yl)pyrano[2,3-a]xanthen-12(2H)-one