

## ABSTRACT

Phytochemical Investigation of *Tectona grandis* Leaves

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A phytochemical study on *Tectona grandis* leaves from Trinidad has led to the isolation and characterization of one new compound, 7-cis-but-2-ene-quinizarin, three compounds (vanillic acid, apigenin-7-O- $\beta$ -D-glucopyranoside and luteolin-7-O- $\beta$ -D-glucopyranoside) which are new to the genus, along with four other known compounds (quinizarin, 6-methylquinizarin, tectoquinone and obtusifolin). Obtusifolin is reported for the first time in the leaves.

Keywords: Amanda Rampersad; Teak; *Tectona grandis*; phytochemical investigation; anthraquinones; flavonoids.