

New diprenylated dihydrochalcones from leaves of *Artocarpus elasticus*

ABSTRACT

Two new diprenylated dihydrochalcones, elastichalcone A 1 and elastichalcone B 2 and three known compounds were isolated from the leaves of *Artocarpus elasticus*. Their structures were determined by various spectroscopic techniques (UV, IR, MS, 1D-NMR and 2D-NMR). Elastichalcone B 2 and a known compound exhibited good free radical scavenging activity with IC₅₀ values of 11.30 and 11.89 µg/ml, respectively. © 2013 Phytochemical Society of Europe.

Keyword: *Artocarpus elasticus*; Dihydrochalcones; Free radical scavenger; Moraceae