

Artomandin, a new xanthone from *Artocarpus kemando* (Moraceae).

Abstract

A new furanodihydrobenzoxanthone, artomandin (1), together with three other flavonoid derivatives, artoindonesianin C (2), artonol B (3), and artochamin A (4), as well as β -sitosterol (5) were isolated from the stem bark of *Artocarpus kemando*. The structures of these compounds were determined on the basis of spectral evidence. All of these compounds displayed inhibition effects to a very susceptible degree in cancer cell line tests. Compound 1 also exhibited significant antioxidant capacity in the free radical 1,1-diphenyl-2-picrylhydrazyl tests.

Keyword: *Artocarpus kemando*; Artomandin; Xanthone; Flavonoid; Moraceae; Cytotoxicity; DPPH.