



Xanthine Oxidase Inhibitory Activity of *Artocarpus blancoi*

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SUMMARY. The bark of *Artocarpus blancoi* (Elmer) Merr. exhibited xanthine oxidase inhibitory activity at 64.64%. Purification of the active compound using bioassay-guided isolation scheme led to the identification of 5,7,4'-trihydroxyflavanone-3-O- α -L-rhamnopyranoside. Its activity was found to be comparable with the positive control allopurinol.

RESUMEN. La corteza de *Artocarpus blancoi* (Elmer) Merr. exhibió actividad inhibitoria de la xantina oxidasa en un 64.64%. La purificación del compuesto activo utilizando un esquema de aislamiento guiado por bioensayo condujo a la identificación de 5,7,4'-trihidroxiflavanona-3-O- α -L-ramnopiranosido. Se encontró que su actividad era comparable con el control positivo alopurinol.

KEY WORDS: gout, *Moraceae*; plant extracts

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