

A new xanthone from *Garcinia nitida*.

ABSTRACT

A detailed chemical study on the stem bark of *Garcinia nitida* has led to the isolation of five xanthones. They are 1,6-dihydroxy-5-methoxy-6, 6-dimethylpyrano[2',3':2,3]-xanthone (1), inophyllin B (2), osajaxanthone (3), 3-isomangostin (4) and rubraxanthone (5). The structures of these compounds were established using mainly 1-D and 2-D NMR spectroscopy (¹H, ¹³C, DEPT, COSY, HMBC and HMQC) while molecular masses were determined via MS techniques; 1 is a new compound.

Keyword: *Garcinia nitida*; Xanthone; Guttiferae.