

**Hopane and lupane triterpenes from leaves and stem bark of *Aegle marmelos*
(Rutaceae)**

ABSTRACT

Two hopane and two lupane triterpenes have been isolated from leaves and stem bark of *Aegle marmelos* originated from Yogyakarta, Indonesia. Hopane triterpenes identified as 6a,22-dihydroxyhopane (1) and 15a,22-dihydroxyhopane (2) were isolated from petroleum ether extract of the leaves, while lupane triterpenes; 20(29)-lupene-3a-ol (3) and 20(29)-lupene-3-on (4) were isolated from the stem bark. The structure of the compounds were elucidated using spectroscopic methods and by comparison with previous data.

Keyword: *Aegle marmelos*; Hopane triterpenes; Lupane triterpenes.