

Chemistry and cytotoxic activity of essential oil from the stem bark of *Calophyllum soulattri*

ABSTRACT

GCMS analysis of the essential oil from the stem bark of *Calophyllum soulattri* detected twenty components. Allo-aromadendrene was present as the most abundant component. Two other major constituents are α -gurjunene and β -eudesmene. The volatile oil exhibited moderate cytotoxicity against SNU-1, Hep G2, NCI-H23, K562, Raji, IMR-32 and SK-MEL-28 cells.

Keyword: *Calophyllum soulattri*; Clusiaceae; Cytotoxic; Essential oil