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SOME CONSTITUENTS OF CALOPHYLLUM CALABA LEAVES

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Continuing our studies on medicinal and related plants of Sri Lanka, the chemical constituents of the leaves of *Calophyllum calaba*, Guttiferae were investigated.

The acidic fraction (Na_2CO_3 soluble) of the hot methanol soluble portion of the light petroleum extract on methylation and purification by preparative TLC yielded the methyl ester of the already known chapelieric acid(1) and a new isomer of it, *iso*-chapelieric acid methyl ester. These were differentiated and identified with the aid of spectroscopic (IR, UV, MS, H-1 and C-13 NMR) data.

The sodium carbonate insoluble fraction yielded friedelin, D : A-friedo-olean-3 β -ol. 3 α , 28-dihydroxy-D : A-friedo-oleanane, canophyllol (28-hydroxy-D : A-friedo-olean-3-one) canophyllal and canophyllic acid.

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Reference

1. Guerreiro, E., Kunesch, G. and Polonsky, J., *Phytochemistry*, 10, 2139 (1971).