CHEMISTRY OF SOME NEW DI-AND TRI-OXYGENATED FRIEDELANS FROM *KOKOONA ZEYLANICA* THW. (CELASTRACEAE)

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Investigation of the light petroleum extract of the inner bark of *Kokoona zeylanica* showed the presence of several di-, tri- and tetraoxygenated friedelans.[1] The astuructures assigned for two dioxygenated compounds[1] were confirmed to be friedelan-3, 21-dione and friedelan-3-one-21β-ol by analysis of the photolytic cleavage product of the former.[2] The other dioxygenated frienelan was shown to be friedelan-3-one, 16 α-ol by combined spectral analysis and chemical reactions. One of the trioxygenated friedelane was assigned the structure, friedelan-3,21-dione-27-ol, by extensive chemical conversions.

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References

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