

117
**3, 5, 7, 3', 5'-PENTAHYDROXY-4-METHOXY (-) EPICATECHIN AND
DULCITOL FROM KOKOONA ZEYLANICA THW. (CELASTRACEAE)**

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The polyphenolic compound obtained (0.05%, yield) from the hot methanol extract of the root bark (inner) of *K. zeylanica* was identified as 3, 5, 7, 3', 5'-pentahydroxy-4-methoxy (-) epicatechin (Ouratea catechin) by the combined spectroscopic analysis and chemical reactions of the parent compound as well as its pentamethoxy derivative. This epicatechin has been isolated previously from a member of Celastraceae and this constitutes the second report of its occurrence in nature.

The solid separated on concentration of the methanolic extract contained mainly dulcitol (0.3% yield), a sugar hexital, which is characteristic of the family Celastraceae.

References :

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