TWO NEW CHROMENOFLAVONOIDS FROM *ARTOCARPUS NOBILIS* THW (MORACEAE)

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From the bark of a mature tree of *Artocarpus nobilis* Thw. from Kanneliya, two new chromenoflavonoids have been isolated and characterised.

(1) $C_{25}H_{32}O_7$ m.p. 285-87°
(2) $C_{25}H_{28}O_7$ m.p. 162-64°

Both compounds have two prenyl groups and are pentaoxygenated (5,7,2′,4′,5′—oxygenation). One prenyl group, attached to position 8 in ring A has been oxidatively cyclised to form an angular chromene ring with oxygen at C-7. The other prenyl group is in position 3 in both compounds and it is oxidatively coupled to position 6′ in the B ring to give a six-carbon ring in compound (2). In compound (1), 5′-OH group attaches itself additively to the prenyl group in (2). Full details of the above structural assignment will be discussed.

References:

1. N. S. Kumar, G. Pavanasasivam and M. U. S. Sultanbawa, *J. Chem. Soc., Perkin I*, 1977, 1243.