Flavonol glycosides from *Elaeocarpus serratus* and *Filicium decipiens*

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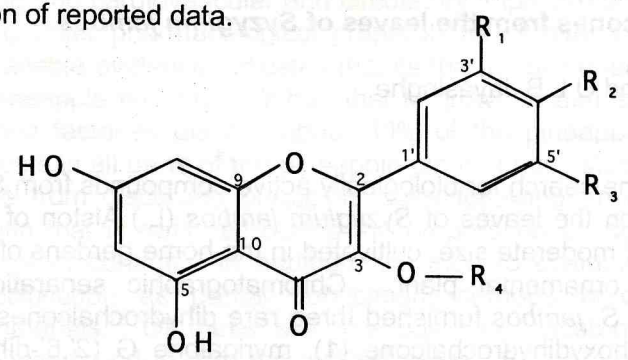
In a continuation of our studies towards the high polar secondary metabolites of Sri Lankan plants, present investigation is carried out on the leaves of *Elaeocarpus serratus* of the family Elaeocarpaceae and the fruits of *Filicium decipiens* of the family Sapindaceae. Both are moderate size trees growing in Sri Lanka. Chromatographic separation of the *n*-butanol fraction of the methanol extract of the leaves of *Elaeocarpus serratus* yielded rare flavonol glycosides myricitrin (**1**), mearnsetin 3-*O*-*b*-D-glucopyranoside (**2**), mearnsitrin (**3**), tamarixetin 3-*O*-*a*-L-rhamnopyranoside (**4**) and the *n*-butanol fraction of the methanol extract of fruits of *Filicium decipiens* yielded three flavonol glycosides, kaempferol 3-*O*-rutinoside (**5**), kaempferol 3-*O*-robinobioside (**6**) and trifolin (**7**). Structures of **1** - **2** were established by detail analysis of ^{1}H, ^{13}CNMR, H-H COSY, HMQC, HMBC, FABMS and comparison of reported data.



1	R_1 = OH	R_2 = OH	R_3 = OH	R_4 = -rha
2	R_1 = OH	R_2 = OMe	R_3 = OH	R_4 = -glu
3	R_1 = OH	R_2 = OMe	R_3 = OH	R_4 = -rha
4	R_1 = OH	R_2 = OMe	R_3 = H	R_4 = -rha
5	R_1 = H	R_2 = OH	R_3 = H	R_4 = -glu^6-rha

6	R_1 = H	R_2 = OH	R_3 = H	R_4 = -gal^6-rha
7	R_1 = H	R_2 = OH	R_3 = H	R_4 = -gal

glc- = *b*-D-glucopyranosyl
gal- = *b*-D-galactopyranosyl
rha- = *a*-L-rhamnopyranosyl

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