F-O-4

Isolation of New Flavonol Glycosides from the Aerial Parts of *Lamium amplexicaule*

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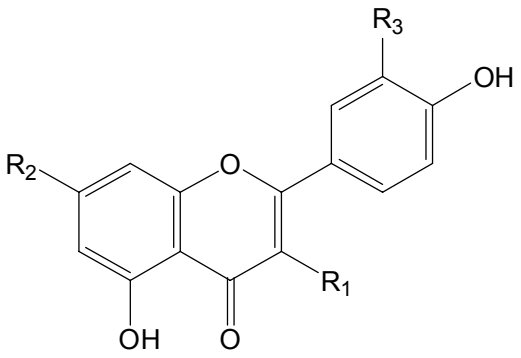
Five flavonoid glycosides were isolated from the aerial parts of Lamium amplexicaule (Labiatae). Structure of the five compounds were determined as luteolin 7-O--D-glucopyranoside (1), kaempferol 3-O--L-rhamnopyranosyl (16)--D-glucopyranoside (2), quercetin 3-O--L-rhamnopyranosyl (16)--D-glucopyranoside (3), kaempferol 3-O-[-D-glucopyranosyl (14)][-L-rhamnopyranosyl (16)]--D-glucopyranoside (4) and quercetin 3-O-[-D-glucopyranosyl (14)][-L-rhamnopyranosyl (16)]--D-glucopyranoside (5) on the basis of spectroscopic evidences. Compounds 4 and 5 were isolated for the first time from a natural source.



Compd	R_1	R_2	R_3
1	H	O-Glc(*p*)	OH
2	O--L-rhamnopyranosyl (16)--D-glucopyranosyl	OH	H
3	O--L-rhamnopyranosyl (16)--D-glucopyranosyl	OH	OH
4	O-[-D-glucopyranosyl (14)][-L-rhamnopyranosyl (16)]--D-glucopyranosyl	OH	H
5	O-[-D-glucopyranosyl (14)][-L-rhamnopyranosyl (16)]--D-glucopyranosyl	OH	OH