

From the herbage of *Dracocephalum nutans* L. we have previously isolated three glycosides of flavonoid nature [1, 2]. After preparative purification of an ethanolic extract on cellulose followed by rechromatography on polyamide, from chloroform-ethanol (8:2) eluates we obtained a flavonoid which we have denoted by DN₄.

Substance DN₄ has mp 238-242°C, R_f 0.11 (15% acetic acid); UV spectrum: λ_{max} (ethanol) 352, 269, 256 nm. The hydrolysis of DN₄ with 10% sulfuric acid for three hours gave D-glucose and an aglycone which was identified on the basis of physicochemical and spectral studies and also by comparison with an authentic sample, as luteolin [3].

Analysis of the UV spectra with complex-forming and ionizing additives showed that the carbohydrate substituent was attached in position 3'.

IR spectroscopy and enzymatic hydrolysis confirmed the pyranose form of sugar and a β glycosidic bond [4].

Thus, substance DN₄ is luteolin 3'-β-D-glucopyranoside (dracocephaloside) [5].

LITERATURE CITED

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