

To obtain the flavonoids, the flowers of *Achillea neilreichii* Kern. (*S. A'ochroleuca* auct non Ehrh.) were steeped in 70% methanol; the concentrated extract was treated with chloroform and the flavonoids were extracted with ethyl acetate-ethanol (90:10). A golden amorphous powder (0.5%) containing four substances of flavonoid nature was obtained.

On chromatography on a polyamide sorbent, from this material we isolated one individual compound with the composition $C_{21}H_{20}O_{11}$, mp 241-243°C, $[\alpha]_D^{20} -59^\circ$ [c 0.21; methanol-pyridine (5:1)]. In UV light $\lambda_{max}^{C_2H_5OH}$ 257, 372 nm. After acid hydrolysis the aglycone was obtained; it had mp 310-312°C and was characterized as quercetin. D-glucose was found in the sugar fraction.

On comparing literature information with the facts given above, and also features of the IR and UV spectra (with ionizing and complex-forming residues) we came to the conclusion that the flavonoid isolated is 3,3',4',5-tetrahydroxyflavone 7-O- β -D-glucopyranoside, or quercimeritrin [1-5].

LITERATURE CITED

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