

Two substances of flavonoid nature have been isolated from the epigeal part of *Potentilla tanacetifolia* Willd. collected in the environs of the village of Bol'shoe Goloustnoe, Irkutsk oblast, during the flowering period.

The flavonoids were extracted from the dry material with 70% ethanol on the water bath followed by treatment of the vacuum-concentrated extract with chloroform [1, 2].

The extract freed from ballast substances was chromatographed on a column containing Kapron. By rechromatography, two individual flavonoids compounds were isolated the glycosidic nature of which was established by the two-dimensional paper chromatography in the BAW (4:1:2) and 15% acetic acid systems.

The glycosides isolated were identified by physicochemical methods [2-4].

Substance (I) with mp 184-187°C, λ_{\max} 357, 258 nm was identified on the basis of its physicochemical constants, alkaline cleavage, acid and enzymatic hydrolyses, and IR and UV spectroscopy with ionizing and complex-forming additives as quercitrin (3,3',4',5,7-pentahydroxyflavone 3-O- α -L-rhamnopyranoside).

Substance (II) with mp 178-181°C, λ_{\max} 354, 266 nm was identified as astragalin (3,4',5,7-tetrahydroxyflavone 3-O- α -D-glucopyranoside).

LITERATURE CITED

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