

We have investigated the composition of the free aglycons of the epigeal part of *Astragalus membranaceus* (Fisch.), Bunge, collected in the flowering period in the Buryat ASSR. The flavonoids were extracted with 40%, 70%, and 96% ethanols. The combined extract obtained, after the ethanol had been distilled off, was treated successively with chloroform and ethyl acetate. With the aid of absorption column chromatography on a polyamide sorbent, the chloroform fraction yielded substances (1) and (2), and the ethyl acetate fraction yielded substance (3).

The individual compounds isolated were identified on the basis of the melting points of their acetates, the results of the analysis of the products of alkaline degradation, chromatographic behavior in various systems, comparison with markers, the absence of depression of the melting points of these substances with authentic samples, and UV spectra [1, 2].

Substance (1) — mp 310-312°C, λ_{\max} 373, 256 nm — was quercetin; Substance (2) — mp 305-306°C, λ_{\max} 372, 256 — was isorhamnetin; and substance (3) — mp 275-277°C, λ_{\max} 370, 265 nm — was kempferol [3].

LITERATURE CITED

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