

POLYPHENOLIC COMPOUNDS OF *Danae racemosa*

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In a phytochemical study of the roots of *Danae racemosa* (L) Moench, family Liliaceae (Alexandria laurel), collected in June in the Kutkashen territory of the Azerbaidzhan SSR, we have detected four substances of flavonoid nature by two-dimensional paper chromatography.

The dried and comminuted roots (1.6 kg) were exhaustively extracted with 70% ethanol. The ethanolic extracts were evaporated under vacuum to an aqueous residue and were treated successively with petroleum ether and with chloroform. The purified aqueous extract in the cold gave a yellow crystalline substance with the composition $C_{27}H_{30}O_{18} \cdot 3H_2O$, mp 189–191°C (from 50% ethanol), $[\alpha]_D^{20} +30^\circ$ (c 0.058; ethanol, l 0.2 dm).

On the basis of the results of acid hydrolysis, paper chromatography, IR spectroscopy, UV spectroscopy with ionizing and complex-forming reagents, polarimetry, and a mixed melting point the flavonol glycoside isolated was identified as quercetin 3-O-rutinoside (rutin).

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