

Investigating the seeds and bulbs of *Ornithogalum schelkovnikovii* Grossh, family Liliaceae Hall, we have found in them a considerable amount of substances of cardenolide nature.

The substances were extracted from the comminuted seeds and bulbs as described previously [1]. The cardenolides were first extracted from the total material with mixtures of chloroform and ethanol in various ratios (8.5:1.5, 3:1, and 2:1), and then the separate fractions were chromatographed on columns of alumina (activity grade III). The eluent used was chloroform containing increasing amounts of ethanol. As a result, the following glycosides were obtained and identified: rohdexin A,  $C_{29}H_{44}O_9$ , mp 248-252°C,  $[\alpha]_D^{21} - 23^\circ$  (ethanol); rohdexoside,  $C_{35}H_{54}O_{14}$ , mp 179-182°C,  $[\alpha]_D^{20} - 24^\circ$  (ethanol); rohdexin B,  $C_{29}H_{44}O_9$ , mp 249-254°C,  $[\alpha]_D^{22} - 30^\circ$  (ethanol); substance C,  $C_{29}H_{44}O_{10}$ , mp 250-254°C,  $[\alpha]_D^{19} - 20.8^\circ$  (ethanol); and substance D,  $C_{35}H_{54}O_{15}$ , mp 246-251°C,  $[\alpha]_D^{20} - 14^\circ$  (ethanol).

We have previously isolated these substances from *O. magnum* Krasch. et Schischk. [2].

After enzymatic hydrolysis of the combined glycosides both of the seeds and of the bulbs, we isolated the aglycone sarmentogenin,  $C_{23}H_{34}O_5$ , mp 265-271°C,  $[\alpha]_D^{20} - 21^\circ$  (ethanol) and the monosides rohdexin A, rohdexin B, and substance C. The substances were identified by their physicochemical properties, IR spectra, color reactions with 84% sulfuric acid, and mixed melting points with authentic samples and  $R_f$  values in various systems.

#### LITERATURE CITED

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