

COUMARIN FROM *Artemisia obtusiloba* AND *A. martjanovii*

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From the epigeal part of *Artemisia obtusiloba* Ldb. collected in the flowering stage in the environs of the village of Kurai, Gorno-Altai Autonomous Oblast, by treatment with hot water and subsequent extraction with chloroform we have isolated a group of lactones (2.3%) [1]. The combined substances were chromatographed on a column of alumina (activity grade III-IV) [2]. Elution with benzene gave a fraction from which acicular crystals with mp 67°C precipitated. Their IR spectrum had absorption bands at 1740 and 1610-1620 cm^{-1} , which are characteristic for unsubstituted coumarin [3], and chromatography of the products of the degradation of the substance with KOH showed the presence of salicylic acid, which confirms the nature of this coumarin [3].

Coumarin has been isolated from *Artemisia martjanovii* Krasch., gathered in the environs of Chernogorsk (Khakass autonomous region), and has been identified in the same way.

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