

## 5-Epi-artemin – the Major Constituent of *Artemisia pontica* L. from Karaganda Region

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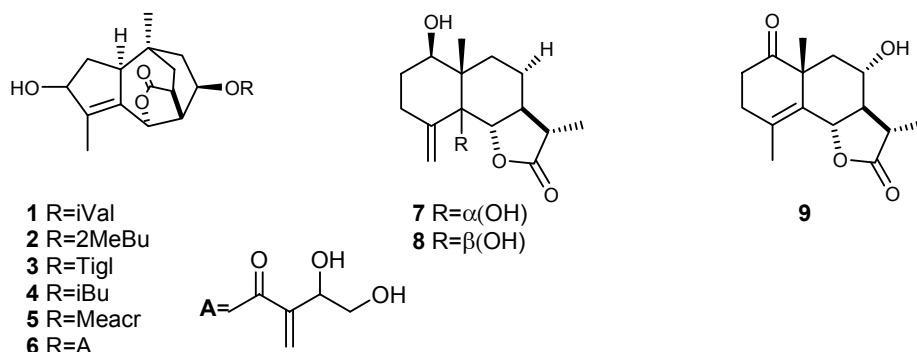
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It is commonly known that quantitative and qualitative contents of sesquiterpene lactones may vary depending on the vegetation period and habitat of the plant from which they were isolated [1].

Uncommon tricyclic rotundapontilides (1-6) have been isolated recently from *Artemisia pontica* L. collected in Radomir, West Bulgaria [2]. Eudesmanolides artemin (7), 5-epi-artemin (8), 8 $\alpha$ -hydroxytaurin (9) etc. were isolated from *Artemisia pontica* collected in the vicinity of Yablonitza (Bulgaria) [3].



We've studied the qualitative composition of *Artemisia pontica* collected during budding season in the vicinity of Karaganda (Kazakhstan). It was found that the major constituent of *Artemisia pontica* collected in this region is 5-epi-artemin (8). The isolated compound was identified by comparing of IR- and <sup>1</sup>H, <sup>13</sup>C NMR spectral data with those of authentic material.

### Refs.

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2. M. N. Todorova, E. T. Tsannkova, A. B. Trendafilova, C. V. Gusev. // *Phytochemistry*, 1996, v. 41, №.2, 553 - 556.
3. Antoaneta B. Trendafilova, Milka N. Todorova, Chavdar V. Gusev. // *Phytochemistry*, 1996, v.42, n.2, pp. 469-471.