

PP37. TRITERPENOIDS FROM THE PLANT *ASTRAGALUS TRANSOXANUS*

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Currently, herbal medicines are widely used in medicine for the treatment and the prevention of various diseases. For this reason, we studied the chemical composition of the plant *Astragalus transoxanus* Fisch., which belongs to Fabaceae family. The previously known individual triterpenoids Hareftoside C (1) and cyclodisectoside (2) (Fig.) were isolated from the n-butanol fractions of the aerial part of this plant.

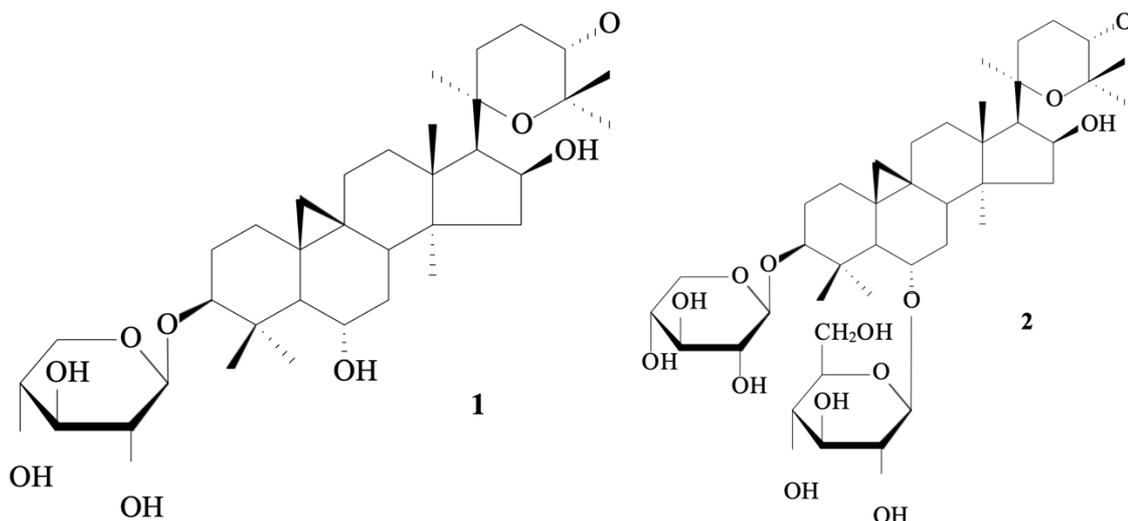


Fig. Structures of Hareftoside C (1) and cyclodisectoside (2)

The structure of the compounds was established on the basis of ¹H and ¹³C NMR spectra. Thus, the plant *Astragalus transoxanus* was found to contain previously known triterpenoids, which were found in this plant for the first time.