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Phytochemical Studies on the Underground Parts of *Asperula taurina* subsp. *caucasica*

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Abstract: One naphthohydroquinone (mollugin) (1), 3 anthraquinones (1-hydroxy-2-methyl-9,10-anthraquinone (2), 1,3-dihydroxy-2-methoxymethyl-9,10-anthraquinone (4) and 1,3-dihydroxy-2-carboxy-9,10-anthraquinone (7, munjistin)), β -sitosterol (3), 1 naphthalene glycoside (2-carbomethoxy-3-prenyl-1,4-naphtho-hydroquinone, 1,4-di-O- β -glucoside (5)) and 1 anthraquinone glycoside (lucidin-3-O- β -primeveroside (6)) were isolated from the underground parts of *A. taurina* subsp. *caucasica*. The structures of the isolates were established by MS, ¹H-NMR and ¹³C-NMR analysis.

Key Words: *Asperula taurina* subsp. *caucasica*, Rubiaceae, anthraquinone, anthraquinone glycoside, naphthohydroquinone, naphthalene glycoside

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