Iridoids from Globularia dumulosa

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Z. Naturforsch. 58c, 181–186 (2003); received October 15/October 31, 2002 Two new iridoids, 10-O-benzoylglobularigenin (1) and dumuloside (2) were isolated from

the aerial parts of Globularia dumulosa together with seven known iridoid glucosides, davisioside (3), aucubin (4), melampyroside (5), catalpol (6), 10-O-benzoylcatalpol (7), alpinoside (8) and deacetylalpinoside (9). Three phenylethanoid glycosides, verbascoside, decaffeovlverbascoside, leucosceptoside A and three flavone glucosides, pectolinarigenin 7-O-β-Dglucopyranoside, nepetin 7-O-β-D-glucopyranoside, demethoxycentaureidin 7-O-β-D-glucopyranoside were also isolated and characterized. The structure elucidation of the isolated

compounds was performed by spectroscopic (UV, IR, HR-MALDIMS, 1D- and 2D NMR) methods. Key words: Globularia dumulosa, Iridoids, Phenylethanoid Glycosides, Flavone Glycosides