Alkaloids from the Roots of Senecio macedonicus Griseb

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The new alkaloids 7-,9-diangeloylplatynecine (1) and 8-episarracine N-oxide (2), were isolated and identified from the roots of Senecio macedonicus. Another one, 8-epineosarracine was detected by GC/MS analyses of the crude alkaloid mixture. The cytotoxicity and biological activity of the alkaloids were tested on normal murine spleen lymphocytes and P3U1 mouse myeloma.