

Publication

Antiprotozoal alkaloids from *Galanthus trojanus*

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Two new alkaloid N-oxides, 1-O-acetyldihydromethylpseudolycorine N-oxide, and 11-hydroxyvittatine N-oxide, ten known alkaloids; arolycoricidine, haemanthamine, O-methylnorbelladine, narcidine, dihydrolycorine, 8-O-demethylmaritidine, stylophine and protopine, nicotinic acid and tyramine were isolated from *Galanthus trojanus* A. P. Davis & N. Ozhatay (Amaryllidaceae). The chemical structures of the isolates were elucidated by UV, IR, MS, CD, 1D and 2D NMR experiments. The in vitro antiprotozoal and cytotoxic potentials of the compounds were also evaluated. (C) 2011 Phytochemical Society of Europe. Published by Elsevier B.V. All rights reserved.

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