

Thalictricoside, a New Phenolic Compound from *Thalictrum orientale*

F. Zerrin Erdemgil^{a*}, Kemal Hüsnü Can Baser^a, Pinar Akbay^b, Otto Sticher^b, and Ihsan Çalis^c

^a Medicinal and Aromatic Plants and Drug Research Centre (TBAM), Anadolu University, 26470 Eskisehir, Turkey. Fax: 02 22 33 5 0750. E-mail: zerdemgi@anadolu.edu.tr

^b Department of Applied BioSciences, Swiss Federal Institute of Technology (ETH) Zurich, CH-8057 Zurich, Switzerland

^c Department of Pharmacognosy, Faculty of Pharmacy, Hacettepe University, TR-06100 Ankara, Turkey

* Author for correspondence and reprint requests

Z. Naturforsch. **58c**, 632–636 (2003); received February 10/March 31, 2003

From the underground parts of *Thalictrum orientale* Boiss., a new phenolic compound **1** was isolated in addition to one known cyanoglycoside, lithospermoside (**2**). For the structure elucidation of all compounds, 1D- and 2D-NMR techniques (DEPT, COSY, HMBC, HSQC) and MS (HR-MALDI) were used. The structure of the new compound was established as 2-(4'-hydroxyphenyl)-nitroethane-4'-O-[β -xylopyranosyl-(1 \rightarrow 6)- β -glucopyranoside] (**1**).

Key words: *Thalictrum orientale*, Ranunculaceae Family, Thalictricoside, Lithospermoside