

Turkish Journal of Chemistry

Turkish Journal

Iridoid, Flavonoid, and Phenylethanoid Glycosides from *Wiedemannia orientalis*

of

Zühal GÜVENALP¹, Hilal ÖZBEK¹, TÜRESİN ÜNSALAR¹

Cavit KAZAZ², L. ÖMÜR DEMİREZER³


Chemistry

¹Atatürk University, Faculty of Pharmacy, Department of Pharmacognosy
TR-25240 Erzurum-TURKEY

e-mail: guvenalp@atauni.edu.tr

²Atatürk University, Faculty of Arts and Science, Department of Chemistry
TR-25240 Erzurum, TURKEY

³Hacettepe University, Faculty of Pharmacy, Department of Pharmacognosy
TR-06100 Ankara, TURKEY

 [Keywords](#)
 [Authors](#)



chem@tubitak.gov.tr

[Scientific Journals Home
Page](#)

Abstract: Five iridoid glycosides, lamiide, ipolamiide, ipolamiidoside, 6 β -hydroxyipolamiide, and 5-hydroxy-8-epi-loganin; 5 flavonoid glycosides, apigenin 7-O- β -glucopyranoside, luteolin 5-O- β -glucopyranoside, isorhamnetin 3-O-rutinoside, quercetin 3-O-rutinoside, and apigenin 7-O-(6''-O-trans-p-coumaroyl) β -glucopyranoside; and a phenylethanoid glycoside, acteoside (= verbascoside), were isolated from the aerial parts of *Wiedemannia orientalis* (Lamiaceae). Their structures were identified using spectral methods (UV, 1D- and 2D-NMR, and EI-MS).

Key Words: Lamiaceae, *Wiedemannia orientalis*, iridoid glycoside, flavonoid glycoside, phenylethanoid glycoside

Turk. J. Chem., **30**, (2006), 391-400.

Full text: [pdf](#)

Other articles published in the same issue: [Turk. J. Chem., vol.30, iss.3.](#)