

Turkish Journal of Chemistry

Turkish Journal

Phenolic Compounds from *Scutellaria pontica*

of

Chemistry

Tayfun ERSÖZ, Ü. Şebnem HARPUR, İclal SARACOĞLU, İhsan ÇALIŞ
Hacettepe University, Faculty of Pharmacy, Department of Pharmacognosy,
TR 06100, Ankara, TURKEY
tersoz@hacettepe.edu.tr

Yukio OGIHARA

Nagoya City University, Faculty of Pharmaceutical Sciences, Department of Pharmacognosy,
Nagoya 467, JAPAN

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



chem@tubitak.gov.tr

[Scientific Journals Home
Page](#)

Abstract: From the aerial parts of *Scutellaria pontica*, a phenolic glucoside, 3,5-dihydroxyphenyl β -D-glucopyranoside (1); as well as a C-glucosyl flavon, isovitexin (2); flavones and flavone glycosides, 5-hydroxy-7,3',4'-trimethoxyflavone (3); apigenin (4); apigenin-7-O- β -D-glucopyranoside (5); and apigenin-7-O- β -D-glucopyranoside-4'-O-methylether (6) were isolated in addition to two phenylethanoid glycosides, martynoside (7) and verbascoside (= acteoside) (8). The structures of the isolated compounds were established on the basis of spectroscopic evidence.

Key Words: *Scutellaria pontica*, Lamiaceae, 3,5-dihydroxyphenyl β -D-glucopyranoside, isovitexin, 5-hydroxy-7,3',4'-trimethoxyflavone, apigenin, apigenin-7-O- β -D-glucopyranoside, apigenin-7-O- β -D-glucopyranoside-4'-O-methylether, martynoside, verbascoside (= acteoside).

Turk. J. Chem., **26**, (2002), 581-588.

Full text: [pdf](#)

Other articles published in the same issue: [Turk. J. Chem., vol.26, iss.4.](#)