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Iridoid and Phenylethanoid Glycosides from *Euphrasia pectinata*

Tayfun ERSÖZ, M. Ziver BERKMAN, Deniz TAŞDEMİR, İhsan ÇALIŞ
Hacettepe University, Faculty of Pharmacy, Department of Pharmacognosy,
TR-06100, Ankara, TURKEY

Chris M. IRELAND

University of Utah, College of Pharmacy, Department of
Medicinal Chemistry, Salt Lake City, UT 84112.

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



chem@tubitak.gov.tr

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Abstract: Two specimens of *Euphrasia pectinata* collected from different regions of northern Anatolia were studied to determine their iridoid and phenylethanoid glycosides. Four iridoid glucosides, aucubin (1), euphoside (2), ixorodoside (3), and boschnaloside (4), and two phenylethanoid glycosides, acteoside (5) and leucosceptoside A (6), were isolated, and characterized from the aerial parts of *E. pectinata* collected from Zigana pass (Trabzon). From the aerial parts of *E. pectinata* collected from Kartalkaya (Bolu), a phenethyl alcohol glycoside, decaffeoylacteoside (7), was isolated in addition to previously isolated compounds. The structures of the isolated compounds were established by spectroscopic evidence.

Key Words: *Euphrasia pectinata*, Scrophulariaceae, iridoid glucosides, aucubin, euphoside, ixorodoside, boschnaloside, phenylethanoid glycosides, acteoside, leucosceptoside A, decaffeoylacteoside.

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