


# Turkish Journal of Chemistry

Turkish Journal

of

Chemistry

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Phenolic, Megastigmane, Nucleotide, Acetophenon and Monoterpene Glycosides from *Phlomis samia* and *P. carica*

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**Abstract:** Phytochemical investigations on the aerial parts of *Phlomis samia* resulted in the isolation of a simple phenolic glucoside, 2,6-dimethoxy-4-hydroxyphenol-1-O- $\beta$ -D-glucopyranoside (1); a megastigmane glucoside, phlomuroside (=3-hydroxy-5,6-epoxy- $\beta$ -ionol-9-O- $\beta$ -D-glucopyranoside) (2); and a nucleotide glycoside, uridine (3). From the aerial parts of *P. carica*, the same phenolic glucoside, 2,6-dimethoxy-4-hydroxyphenol-1-O- $\beta$ -D-glucopyranoside (1); as well as an acetophenon glucoside, picein (4); and 2 monoterpene glucosides, - betulalbuside A (5) and 1-hydroxylinaloyl-6-O- $\beta$ -D-glucopyranoside (6) - were isolated and identified. The structure elucidation of the isolates was based on spectroscopic evidence.

**Key Words:** Acetophenon glucoside, betulalbuside A, 2,6-dimethoxy-4-hydroxy-phenol-1-O- $\beta$ -D-glucopyranoside, 1-hydroxylinaloyl-6-O- $\beta$ -D-glucopyranoside, Lamiaceae, megastigmane glucoside, mono\terpenoid glucosides, nucleotide glycoside, *Phlomis samia*, *P. carica*, phenolic glucoside, phlomuroside, picein, uridine

Turk. J. Chem., **27**, (2003), 703-712.

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