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Phenolic Constituents from Phlomis lycia

of

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Abstract: From the aerial parts of Phlomis lycia L. (Labiatae) a lignan glucoside, (-)-dihydrodehyrodiconiferyl alcohol-9-O- β -D-glucopyranoside (1); a caffeic acid ester, chlorogenic acid (2); three phenylethanoid glycosides, forsythoside B (3), alyssonoside (4) and leucosceptoside B(5); and two iridoid glucosides, lamiide (6) andauroside (7), were isolated. The structure elucidation of the isolated compounds was carried out by spectroscopic (UV, IR, 1D- and 2D-NMR, FAB-MS) methods. (-)-Dihydrodehyrodiconiferyl alcohol-9-O- β -D-glucopyranoside (1) and chlorogenic acid (2) were isolated for the first time from Phlomis species in this study.

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<u>Key Words:</u> Phlomis lycia, Labiatae, Lignans, Phenylethanoids, Iridoids.

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