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
Chemistry

Phenolic Compounds from *Globularia cordifolia*

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Abstract: From the methanolic extract of the underground parts of *Globularia cordifolia*, a new neolignan diglycoside, dehydrodiconiferyl alcohol 9-O- β -D-glucopyranosyl-(1 to 2)- β -D-glucopyranoside (1) was isolated along with a known neolignan glycoside, dehydrodiconiferyl alcohol 9-O- β -D-glucopyranoside (2). In addition, 2 flavone glycosides, chrysoeriol 7-O- β -D-allopyranosyl-(1 to 2)- β -D-glucopyranoside (3), stachyspinoside (4) and 5 phenylethanoid glycosides, verbascoside (5), isoverbascoside (6), leucosceptoside A (7), martynoside (8) and rossicaside A (9) were obtained and characterized. The structures of the isolates were established by 1D and 2D NMR spectroscopy in combination with IR, UV and MS analysis.

Key Words: *Globularia cordifolia*, Globulariaceae, neolignan glycosides, dehydrodiconiferyl alcohol 9-O- β -D-glucopyranosyl-(1 to 2)- β -D-glucopyranoside, flavonoid glycosides, phenylethanoid glycosides

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