Neolignan Glucosides from Phlomis chimerae Boiss

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Phlomis, Neolignan Glucosides, (−)-4-O-methyldehydrodehydrodiconiferyl alcohol-9′-O-β-D-glucopyranoside

From the aerial parts of the plant Phlomis chimerae, a new neolignan glucoside, (−)-4-O-methyldehydrodehydrodiconiferyl alcohol-9′-O-β-D-glucopyranoside (1) was characterized along with the known neolignan glucosides, (−)-4-O-methyldehydrodiconiferyl alcohol-9′-O-β-D-glucopyranoside (= longifloroside A) (2) and (−)-dihydrodehydrodiconiferyl alcohol-9′-O-β-D-glucopyranoside (3). The structure of the new compound was established on the basis of spectroscopic evidence.