Neolignan Glucosides from *Phlomis chimerae* Boiss

Tayfun Ersöz^{a,*}, İclal Saracoğlu^a, Deniz Taşdemir^a, Hasan Kırmızıbekmez^a, Ali A. Dönmez^b, Chris M. Ireland^c and İhsan Calıs^a

- Department of Pharmacognosy, Faculty of Pharmacy, Hacettepe University TR 06100, Ankara, Turkey. Fax: +90-312-3114777. E-mail: tersoz@hacettepe.edu.tr
 Department of Biology, Faculty of Science, Hacettepe University TR 06532, Ankara, Turkey
- ^c Department of Medicinal Chemistry, College of Pharmacy, University of Utah, Salt Lake City Utah 84112, U. S. A.

Phlomis, Neolignan Glucosides, (-)-4-*O*-methyldihydrodehydrodiconifervl

- * Author for correspondence and reprint requests
- Z. Naturforsch. **57c**, 221–225 (2002); received December 4, 2001/January 1, 2002

alcohol-9'-*O*-β-D-glucopyranoside

From the aerial parts of the plant *Phlomis chimerae*, a new neolignan glucoside, (-)-4-*O*-methyldihydrodehydrodiconiferyl 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.