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Volatile constituents of *Phlomis Olivieri* Benth

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Abstract:

The chemical composition of the essential oil of *Phlomis olivieri* Benth growing wild in Iran was examined by GC/MS. The oil contains over thirty-nine components. The major components are hexahydrofarnesyl acetone (13.3%), spathulenol (11.4%), germacrene-D (9.7%), β -caryophyllene (6.9%) and caryophyllene oxide (5.3%). As a result of this investigation the oil of *Ph.olivieri* is characterized by a high content of sesquiterpenes and only trace amounts of monoterpenes.

Keywords:

[Phlomis olivieri](#) . [Hexahydrofarnesyl acetone](#)

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