Volatile Constituents of the Flower and Fruit Oils of
Pittosporum tobira (Thunb.) Ait. Grown in Iran

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The volatile components of the flower and fruit oils from Pittosporum tobira (Thunb.) Ait. grown in Iran, obtained through hydrodistillation, were analyzed by GC/MS. Sixteen compounds (representing 90.7% of the oil) and seventeen constituents (representing 89.9% of the oil) were identified in the flower and fruit oils, respectively. While the flower oil contained \(\alpha\)-pinene (38.6%), \(n\)-nonane (11.8%), (\(E\))-nerolidol (9.0%) and (\(E\))-\(\beta\)-ocimene (7.7%), the fruit oil contained \(\alpha\)-pinene (30.2%), \(n\)-nonane (12.2%), germacrene-D (12.0%), \(\alpha\)-cubebene (7.6%) and \(\beta\)-cubebene (5.1%) as the main compounds.

Key words: Pittosporum tobira (Thunb.) Ait., Essential Oil, GC/MS Analysis