

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 α -pinene (38.6%), *n*-nonane (11.8%), (*E*)-nerolidol (9.0%) and (*E*)- β -ocimene (7.7%), the fruit oil contained α -pinene (30.2%), *n*-nonane (12.2%), germacrene-D (12.0%), α -cubebene (7.6%) and β -cubebene (5.1%) as the main compounds.

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